

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007641.D
 Acq On : 13 Sep 2019 23:36
 Operator : HP/JU
 Sample : PB123061BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123061BSD

Quant Time: Sep 14 05:13:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9001	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	33759	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	17765	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	34405	0.40	ng	0.00
27) Chrysene-d12	21.27	240	31453	0.40	ng	0.00
34) Perylene-d12	23.49	264	28703	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	9074	0.31	ng	0.00
5) Phenol-d6	6.89	99	12088	0.35	ng	0.00
8) Nitrobenzene-d5	8.85	82	8694	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	21341	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1737	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	26527	0.34	ng	0.00
25) Fluoranthene-d10	19.11	212	37403	0.34	ng	0.00
29) Terphenyl-d14	19.72	244	31003	0.37	ng	0.00

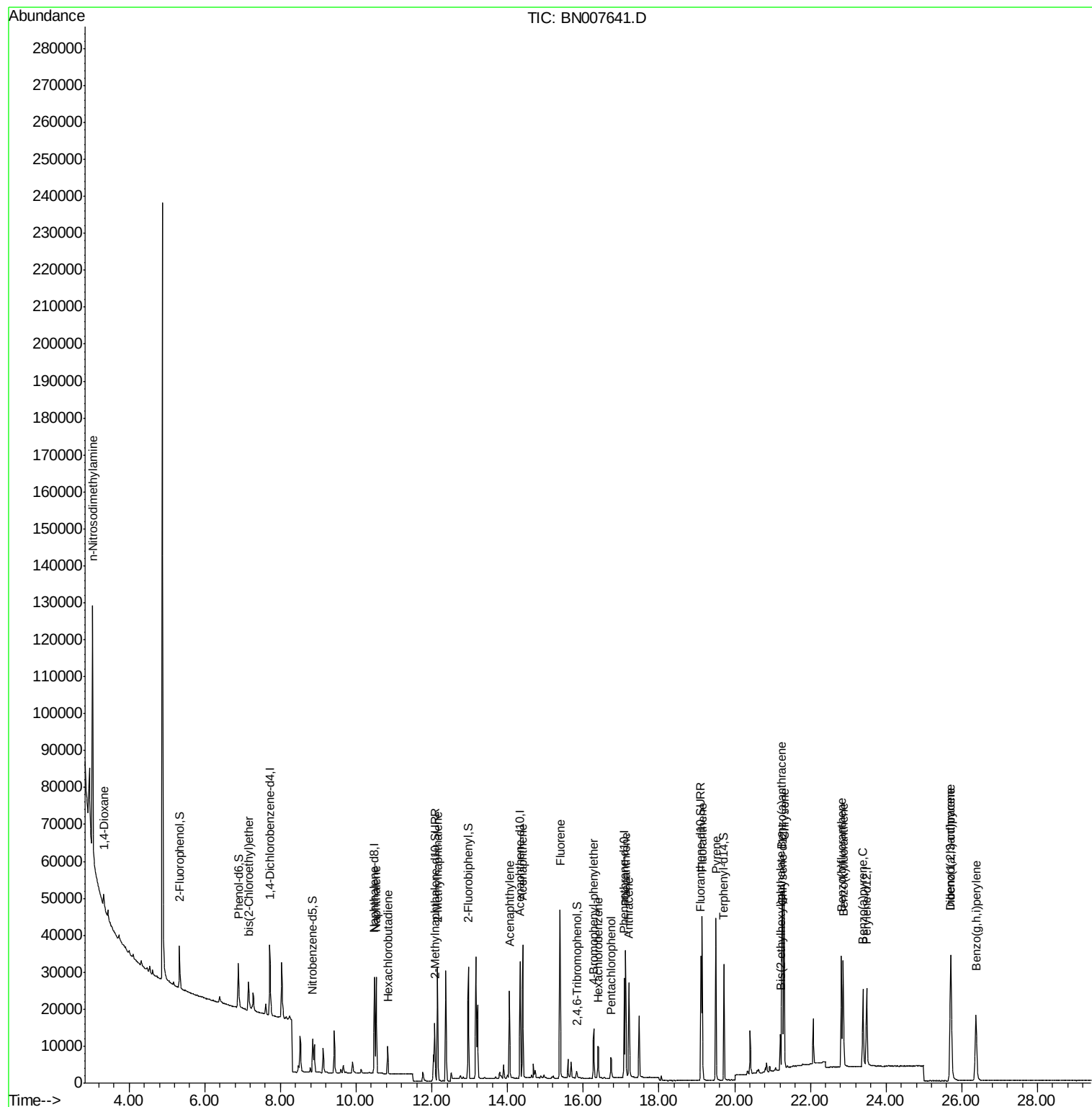
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	2897	0.269	ng	# 82
3) n-Nitrosodimethylamine	3.03	42	6804	1.390	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	8682	0.329	ng	94
9) Naphthalene	10.53	128	32132	0.332	ng	100
10) Hexachlorobutadiene	10.84	225	6004	0.308	ng	# 99
12) 2-Methylnaphthalene	12.15	142	21260	0.327	ng	100
16) Acenaphthylene	14.05	152	26005	0.281	ng	100
17) Acenaphthene	14.40	154	18172	0.302	ng	99
18) Fluorene	15.39	166	22356	0.294	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	6831	0.321	ng	92
21) Hexachlorobenzene	16.40	284	7394	0.325	ng	99
22) Pentachlorophenol	16.74	266	3525	0.597	ng	97
23) Phenanthrene	17.12	178	35880	0.331	ng	100
24) Anthracene	17.20	178	29864	0.310	ng	100
26) Fluoranthene	19.14	202	39468	0.311	ng	99
28) Pyrene	19.50	202	39100	0.342	ng	99
30) Benzo(a)anthracene	21.25	228	34274	0.307	ng	100
31) Chrysene	21.30	228	40042	0.345	ng	99
32) Bis(2-ethylhexyl)phthalate	21.21	149	9837	0.260	ng	100
33) Indeno(1,2,3-cd)pyrene	25.70	276	41125	0.332	ng	100
35) Benzo(b)fluoranthene	22.82	252	37415	0.359	ng	97
36) Benzo(k)fluoranthene	22.87	252	37975	0.356	ng	99
37) Benzo(a)pyrene	23.39	252	31903	0.345	ng	96
38) Dibenzo(a,h)anthracene	25.72	278	34093	0.352	ng	99
39) Benzo(g,h,i)perylene	26.38	276	36508	0.381	ng	99

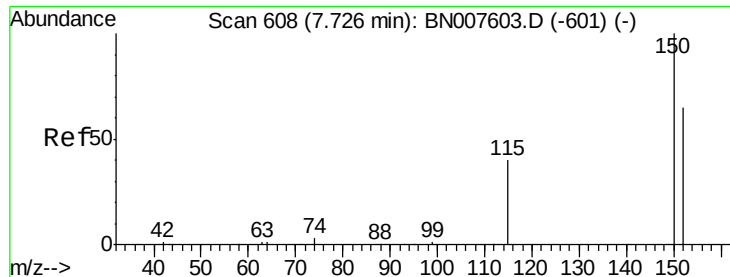
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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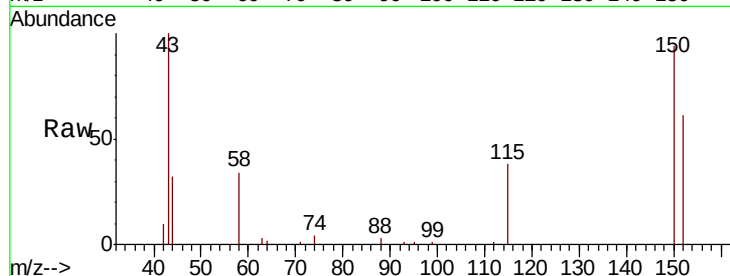


#1

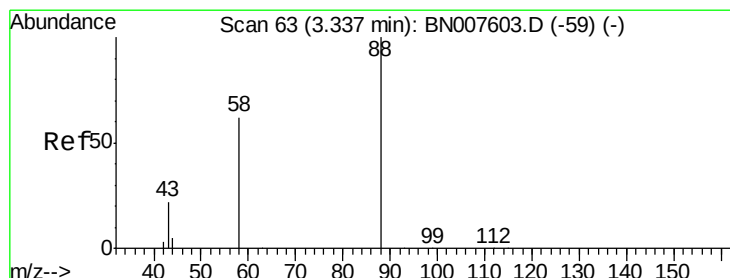
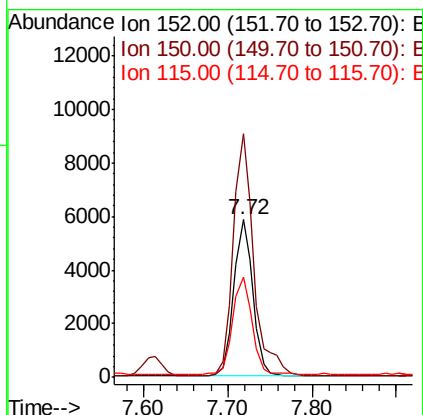
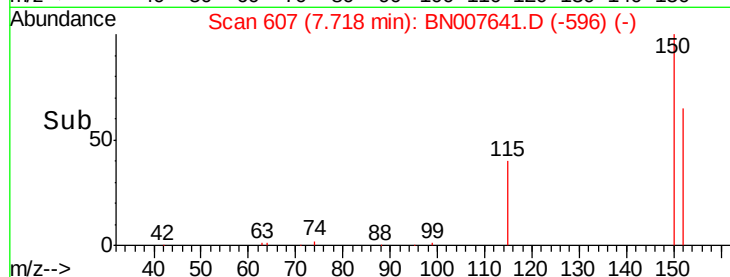
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007641.D
Acq: 13 Sep 2019 23:36

Instrument :
BNA_N
ClientSampleId :
PB123061BSD

Tot Ion:152 Resp: 9001
Ion Ratio Lower Upper
152 100
150 154.5 122.4 183.6
115 63.3 50.4 75.6



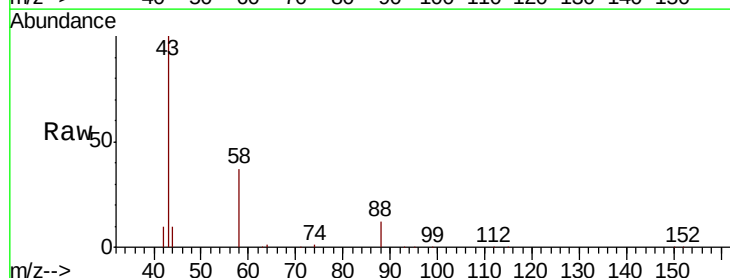
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



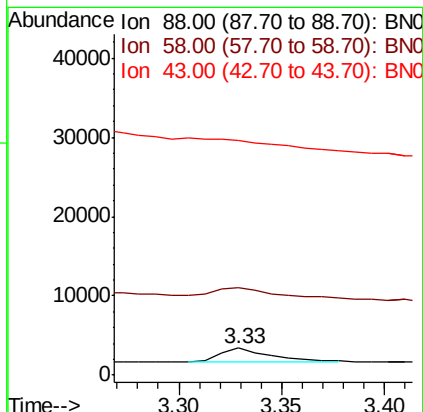
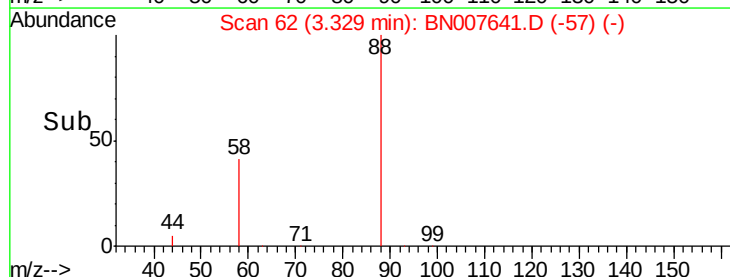
#2

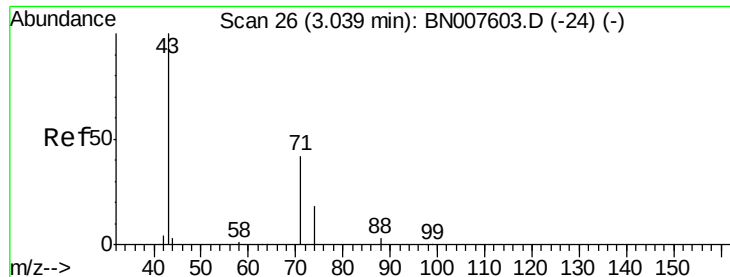
1,4-Dioxane
Concen: 0.269 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007641.D
Acq: 13 Sep 2019 23:36

Tgt Ion: 88 Resp: 2897
Ion Ratio Lower Upper
88 100
58 76.5 57.0 85.4
43 0.0 20.0 30.0#



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





#3

n-Nitrosodimethylamine

Concen: 1.390 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

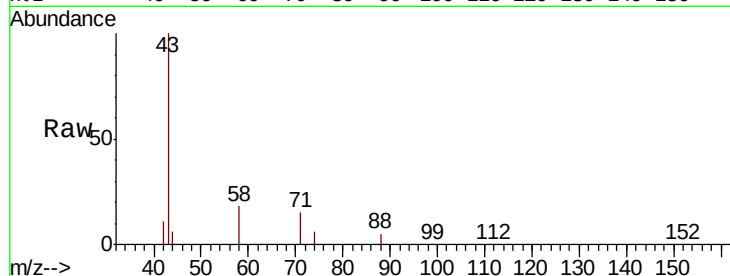
Tot Ion: 42 Resp: 6804

Ion Ratio Lower Upper

42 100

74 122.0 9.8 14.8#

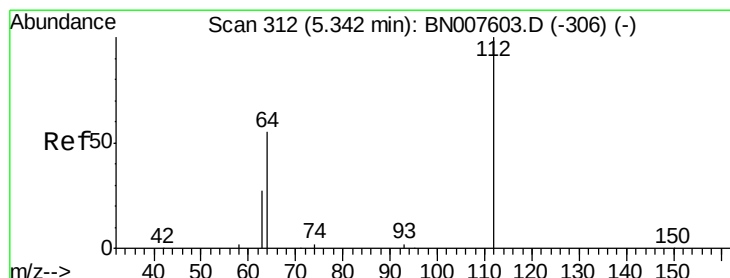
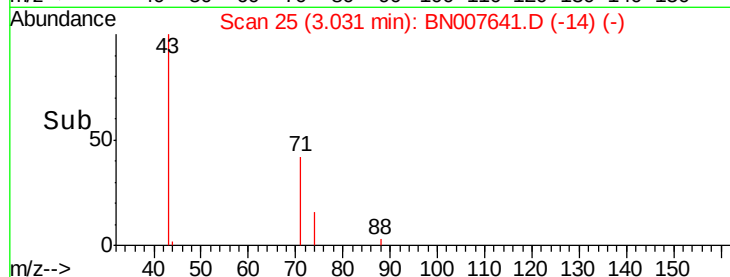
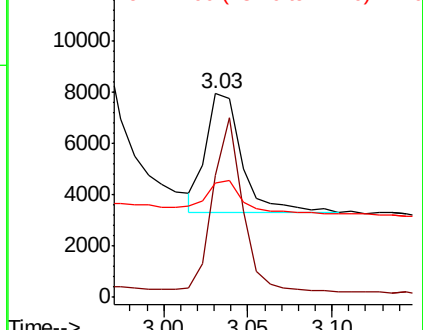
44 32.4 0.0 0.0#



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: 0.315 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

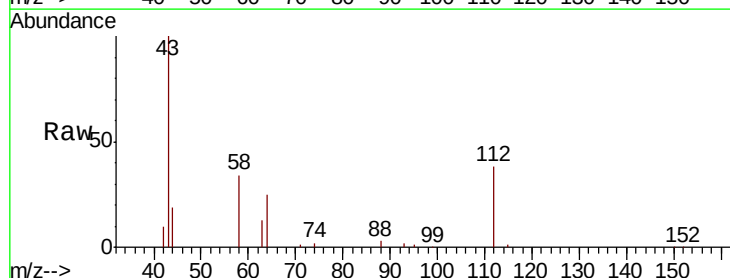
Tgt Ion: 112 Resp: 9074

Ion Ratio Lower Upper

112 100

64 59.6 48.5 72.7

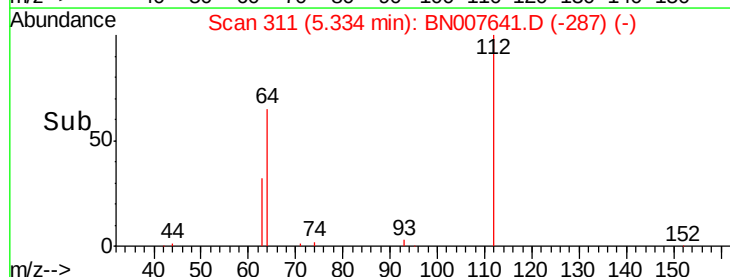
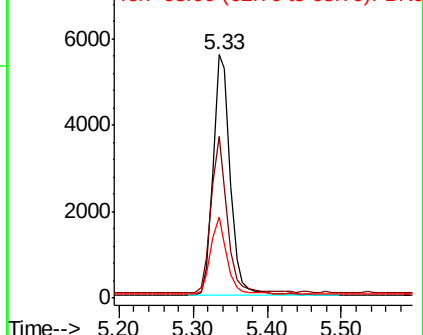
63 29.8 24.4 36.6

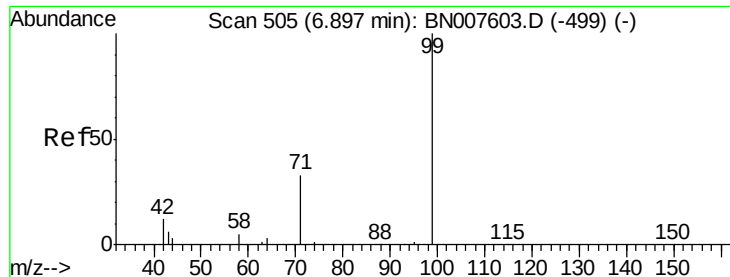


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.345 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

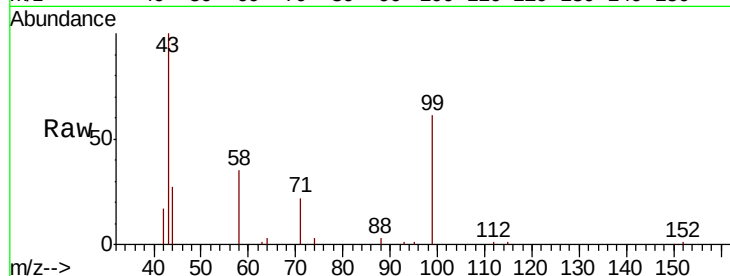
Tot Ion: 99 Resp: 12088

Ion Ratio Lower Upper

99 100

42 15.9 11.8 17.6

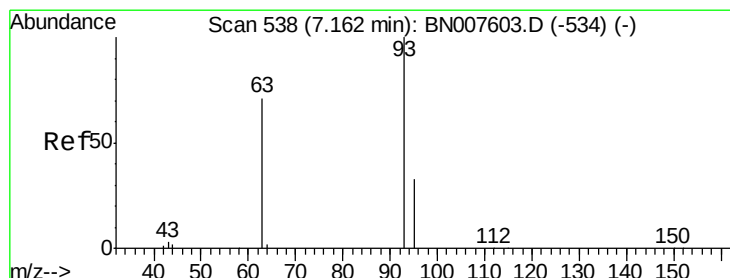
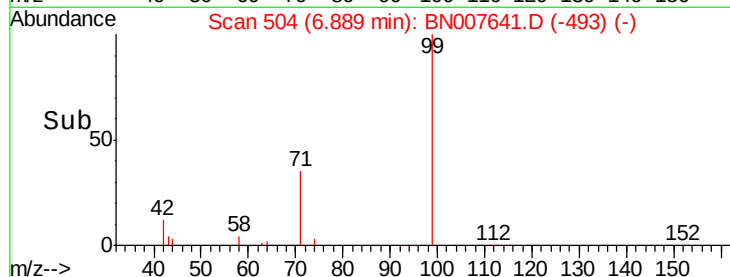
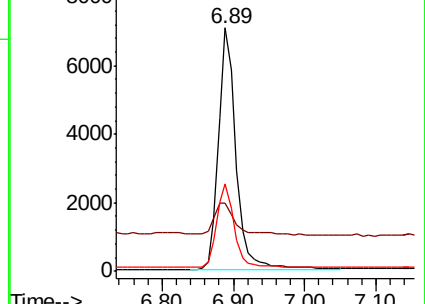
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.329 ng

RT: 7.15 min Scan# 537

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

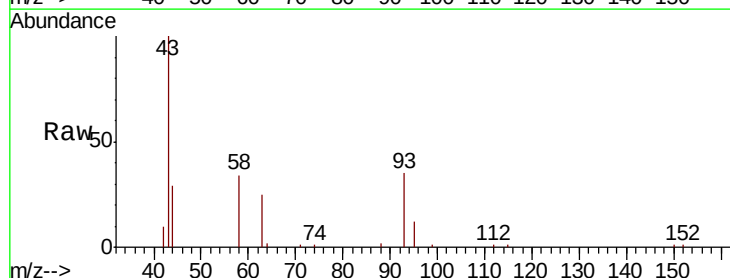
Tgt Ion: 93 Resp: 8682

Ion Ratio Lower Upper

93 100

63 70.3 61.2 91.8

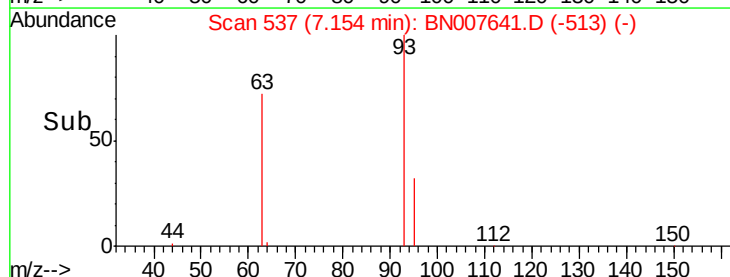
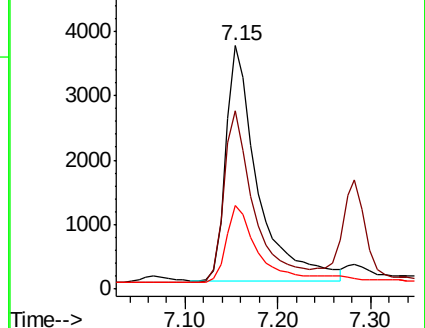
95 32.2 27.2 40.8

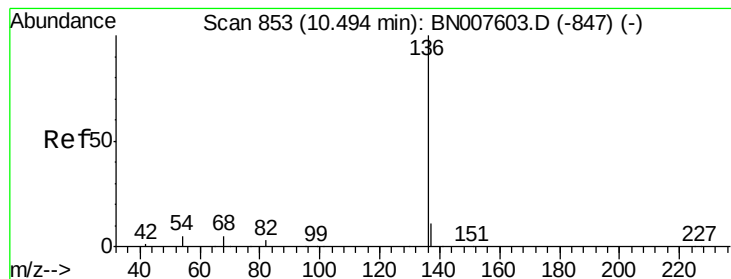


Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

Ion 63.00 (62.70 to 63.70): BN007603.D (-534) (-)

Ion 95.00 (94.70 to 95.70): BN007603.D (-534) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

Tot Ion:136 Resp: 33759

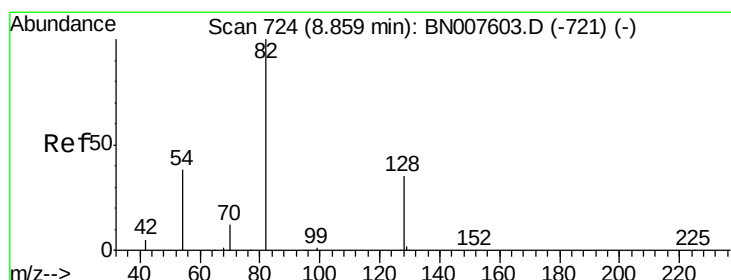
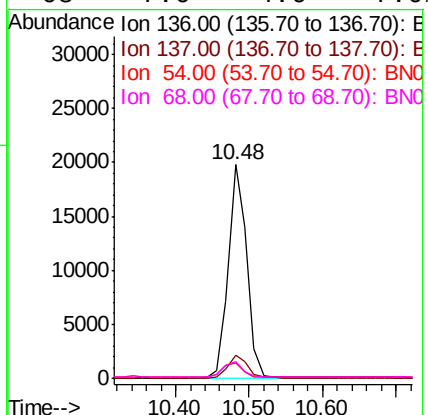
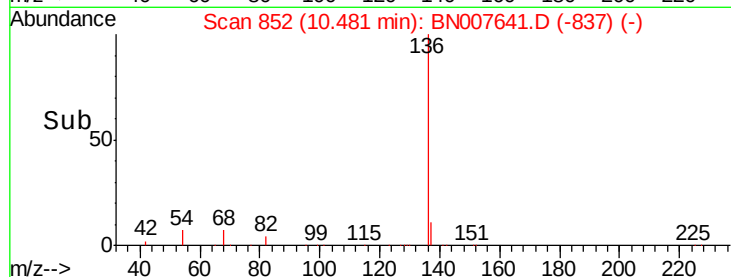
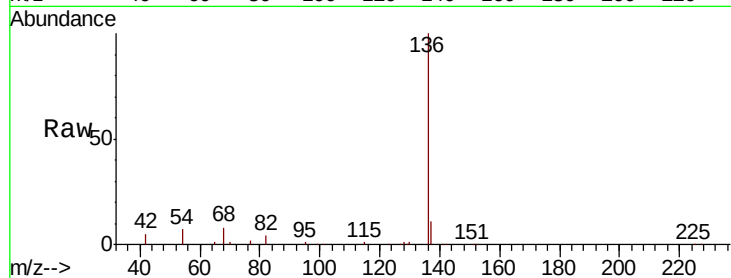
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.4 4.2 6.4#

68 7.6 4.6 7.0#



#8

Nitrobenzene-d5

Concen: 0.323 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

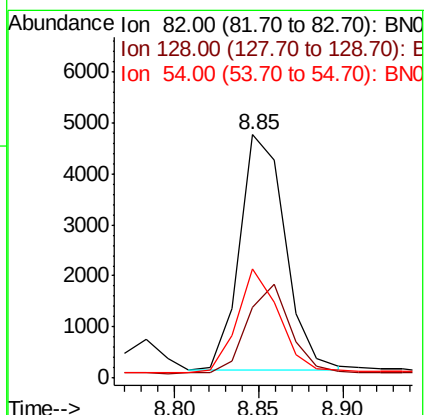
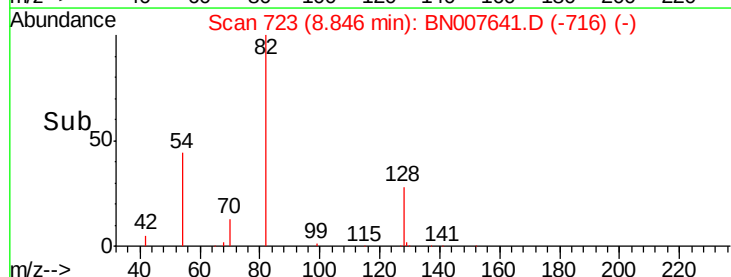
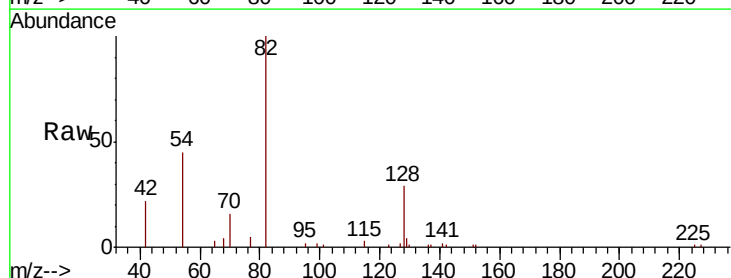
Tgt Ion: 82 Resp: 8694

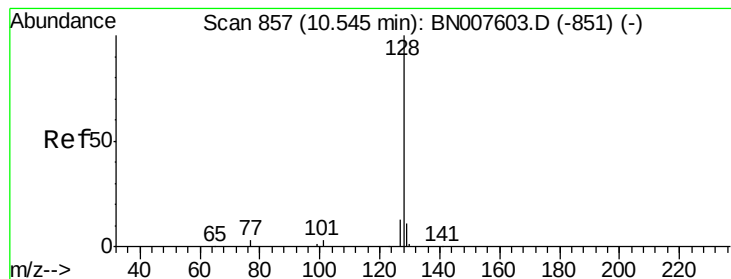
Ion Ratio Lower Upper

82 100

128 29.0 27.9 41.9

54 44.8 30.9 46.3





#9

Naphthalene

Concen: 0.332 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

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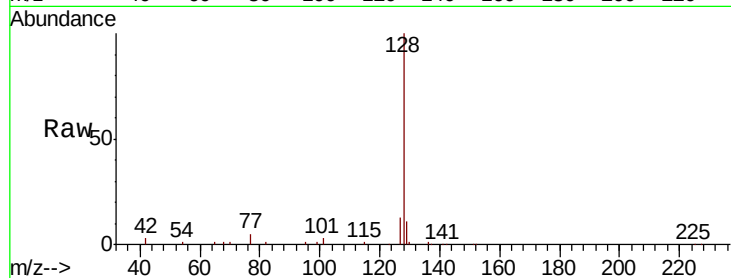
Tot Ion:128 Resp: 32132

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

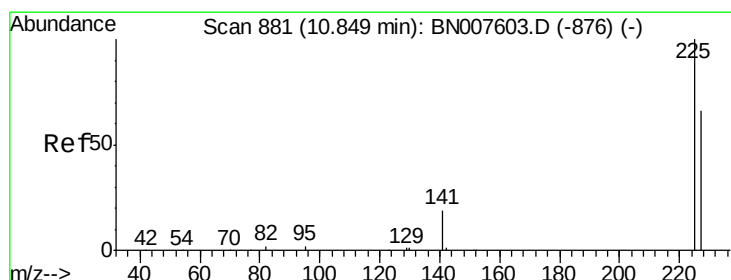
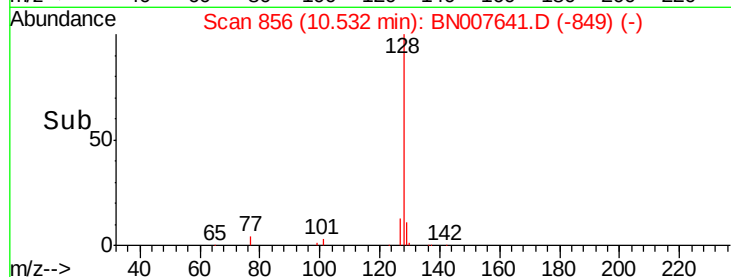
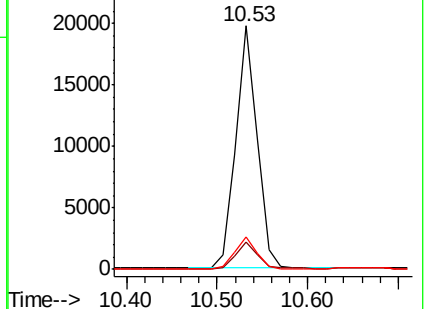
127 13.3 10.4 15.6



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: 0.308 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

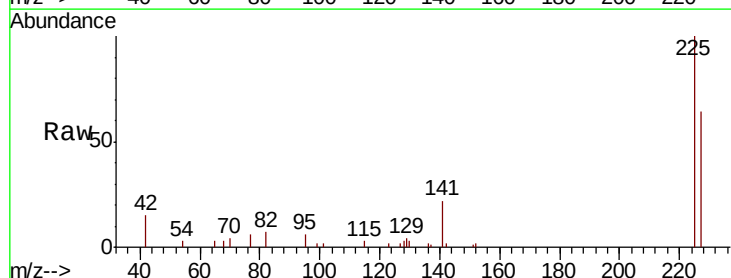
Tgt Ion:225 Resp: 6004

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

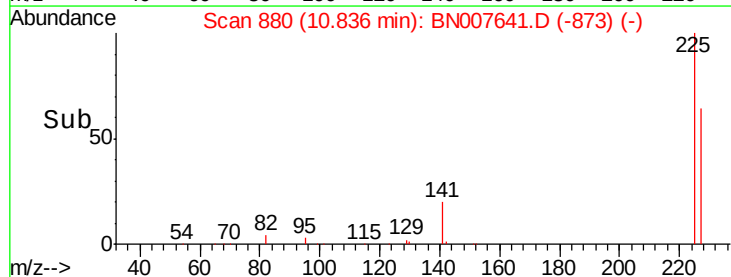
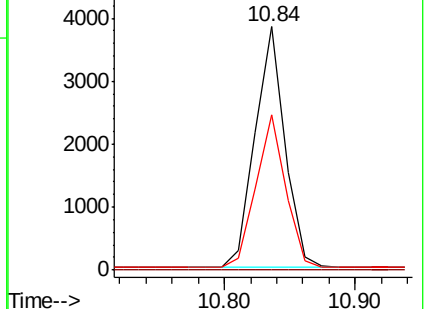
227 63.2 51.3 76.9

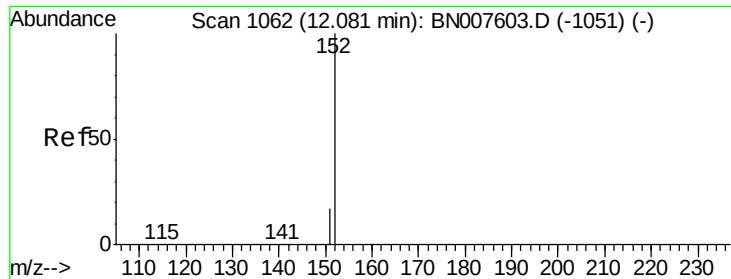


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

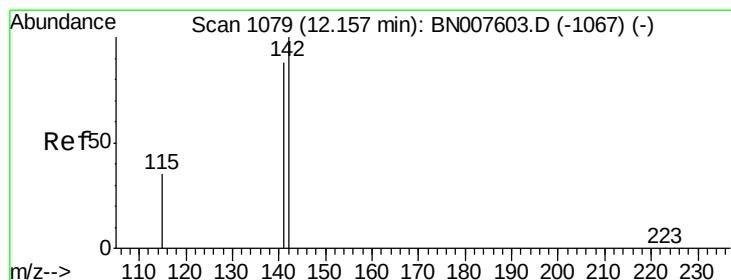
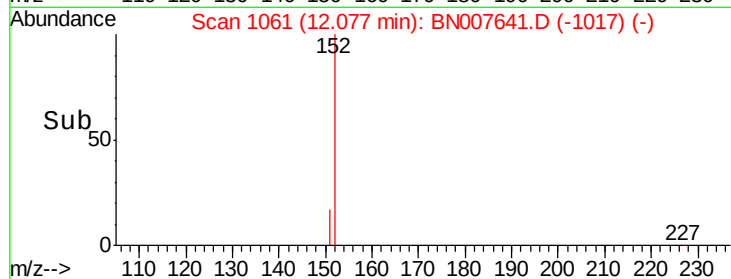
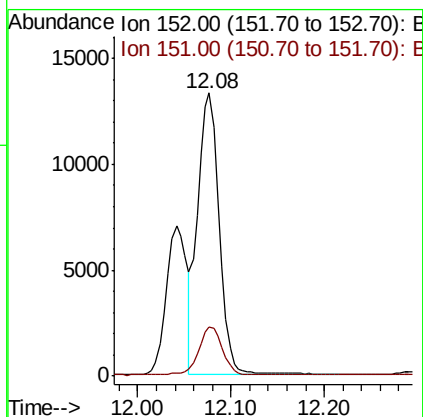
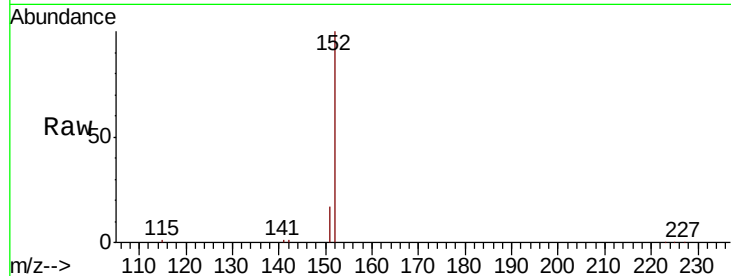




#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007641.D
Acq: 13 Sep 2019 23:36

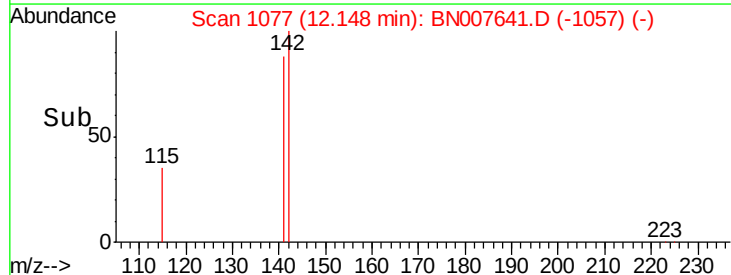
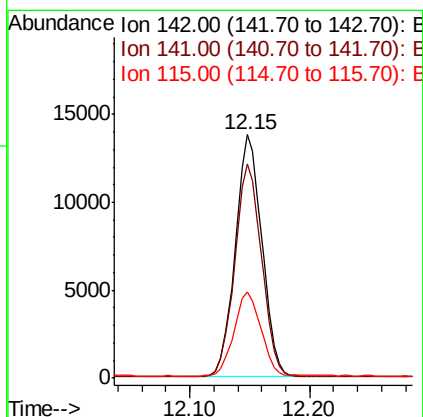
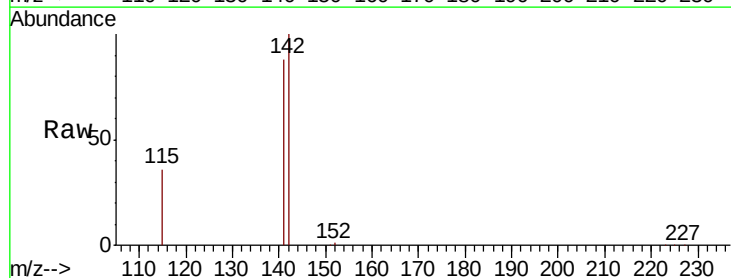
Instrument :
BNA_N
ClientSampleId :
PB123061BSD

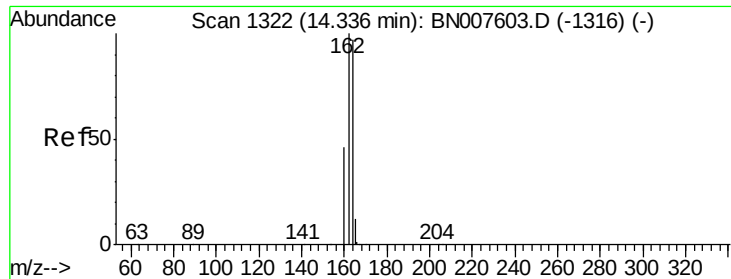
Tot Ion:152 Resp: 21341
Ion Ratio Lower Upper
152 100
151 18.8 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.327 ng
RT: 12.15 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BN007641.D
Acq: 13 Sep 2019 23:36

Tgt Ion:142 Resp: 21260
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7
115 35.5 28.4 42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

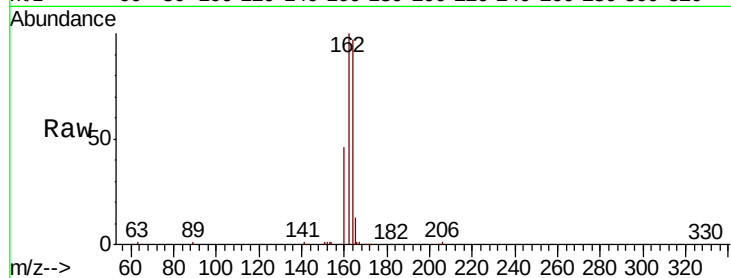
Tot Ion:164 Resp: 17765

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

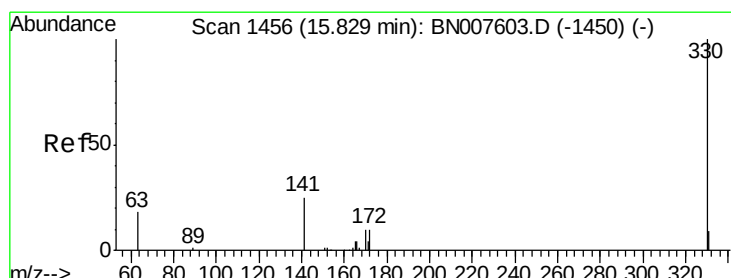
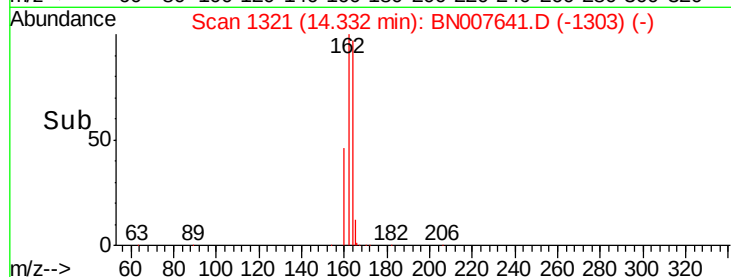
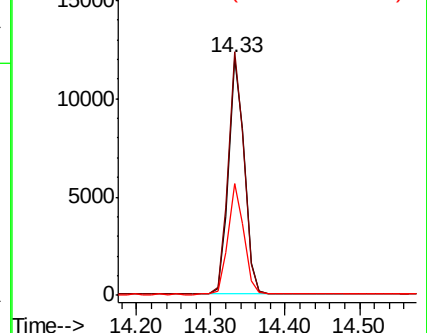
160 47.3 38.0 57.0



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: 0.259 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

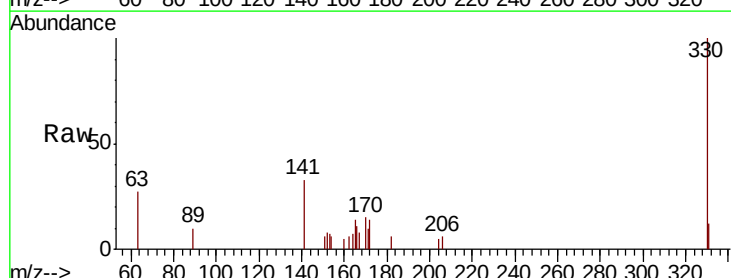
Tgt Ion:330 Resp: 1737

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

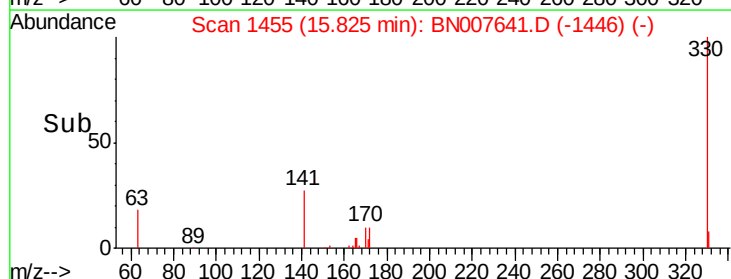
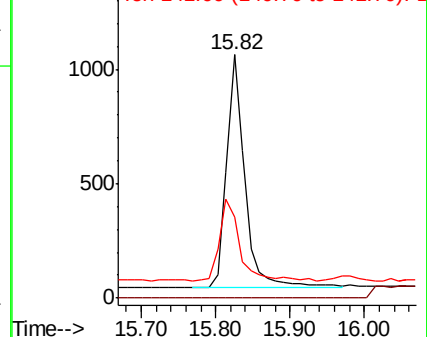
141 38.2 30.1 45.1

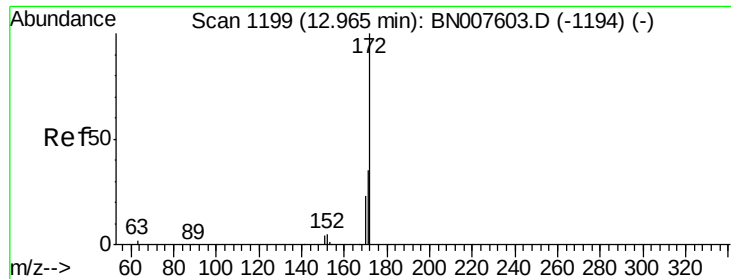


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

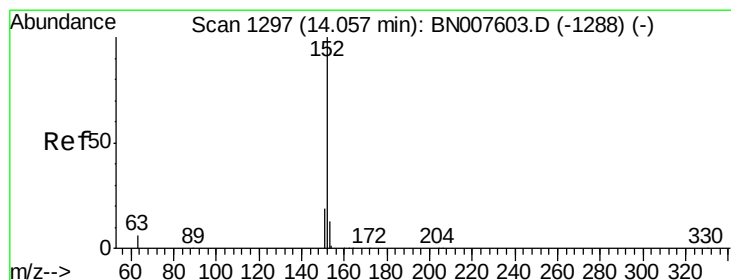
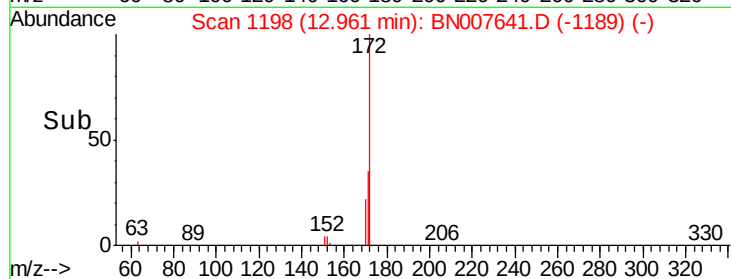
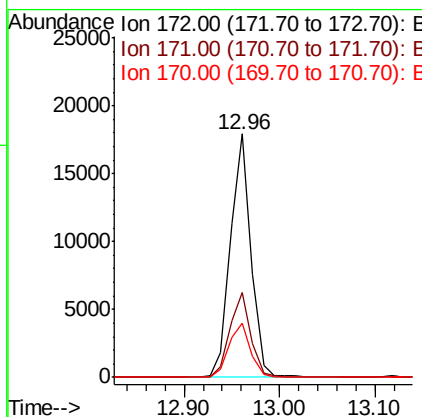
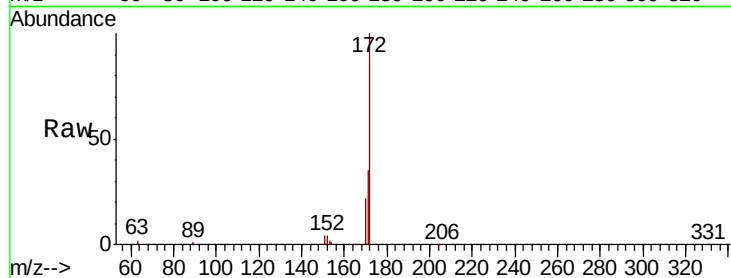




#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007641.D
Acq: 13 Sep 2019 23:36

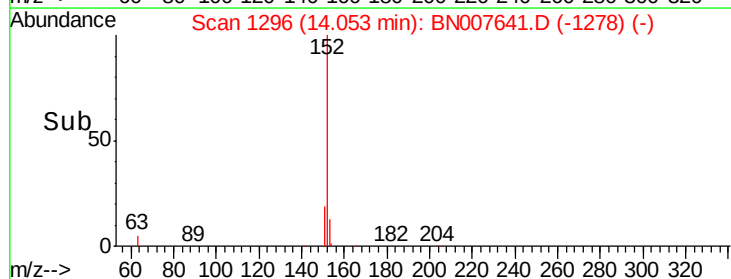
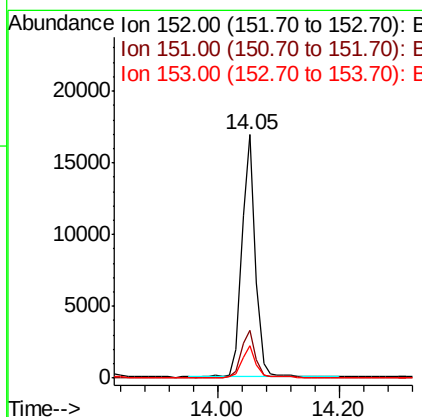
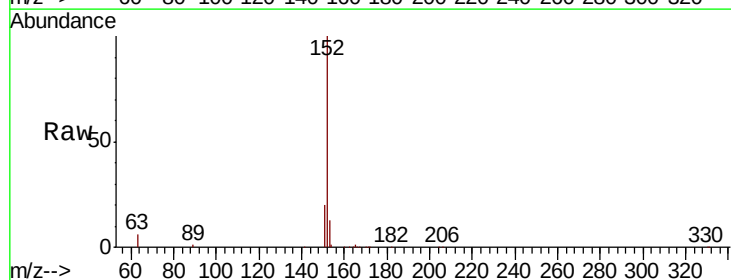
Instrument :
BNA_N
ClientSampleId :
PB123061BSD

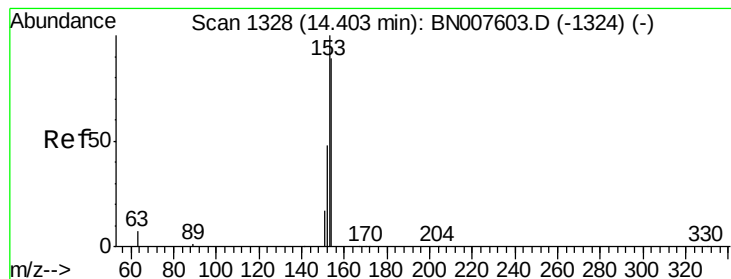
Tot Ion:172 Resp: 26527
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 22.0 18.5 27.7



#16
Acenaphthylene
Concen: 0.281 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007641.D
Acq: 13 Sep 2019 23:36

Tgt Ion:152 Resp: 26005
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.302 ng

RT: 14.40 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

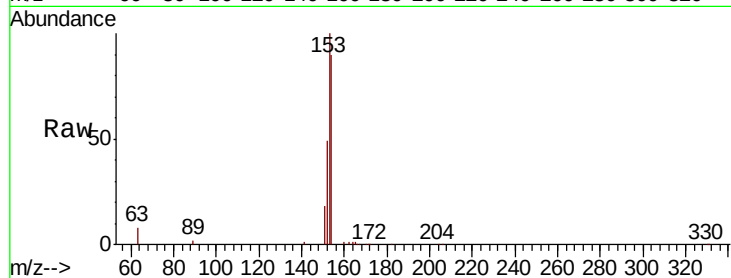
Tot Ion:154 Resp: 18172

Ion Ratio Lower Upper

154 100

153 110.5 89.8 134.8

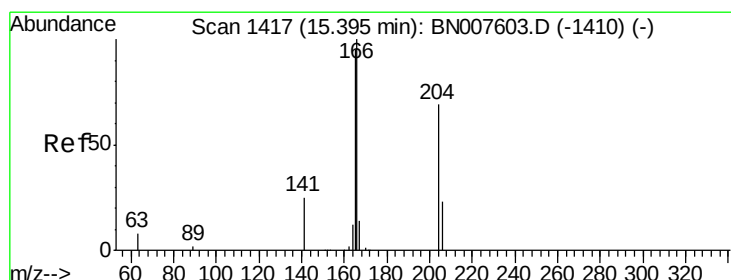
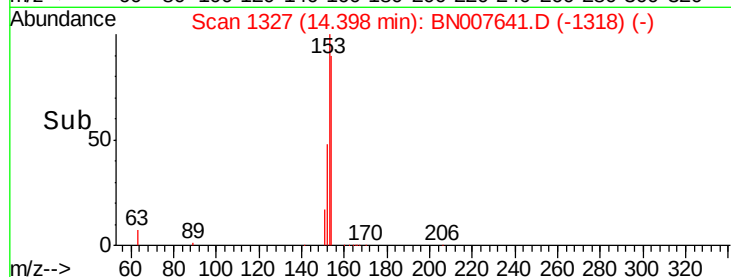
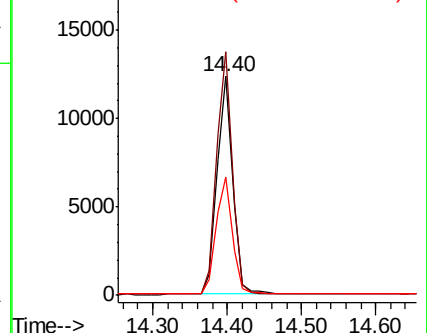
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.294 ng

RT: 15.39 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

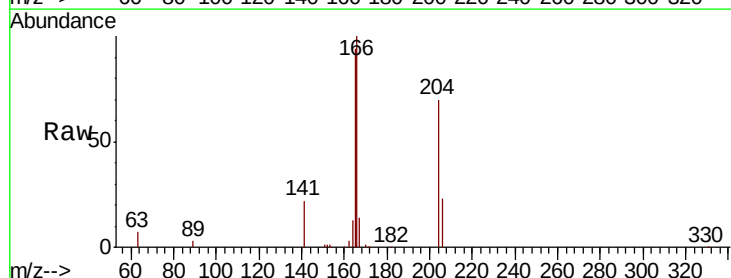
Tgt Ion:166 Resp: 22356

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.6

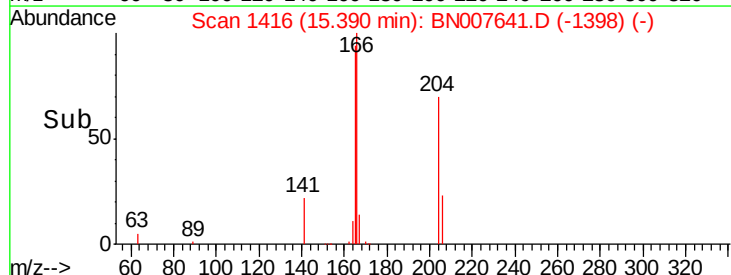
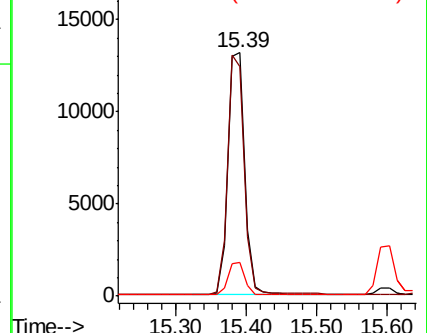
167 13.3 10.8 16.2

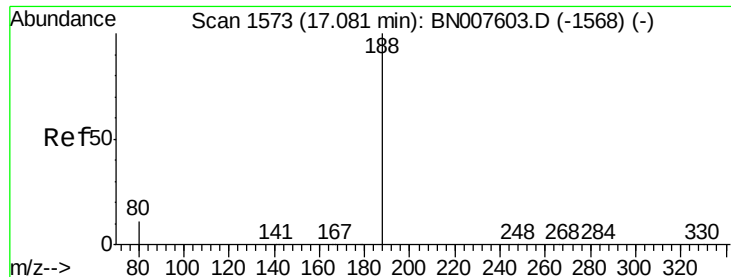


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1572

Delta R.T. -0.00 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

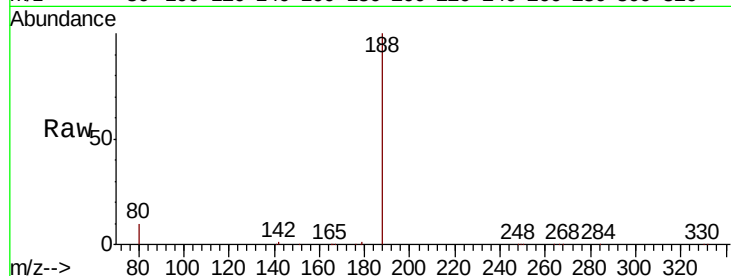
Tot Ion:188 Resp: 34405

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

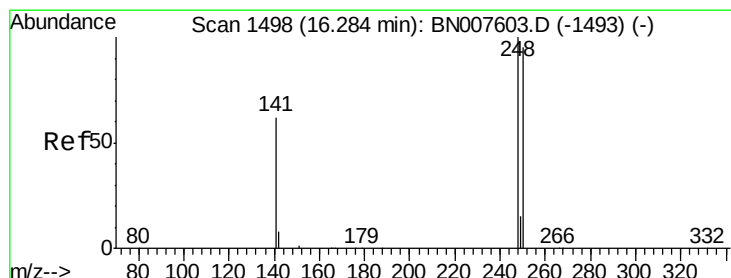
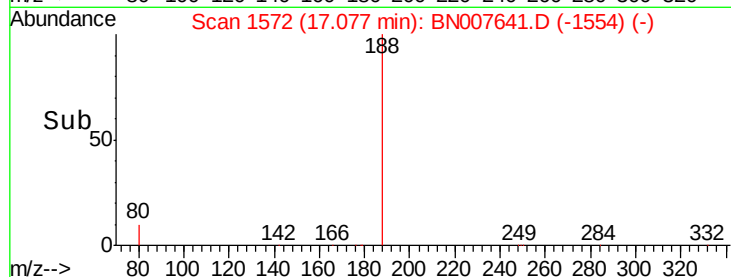
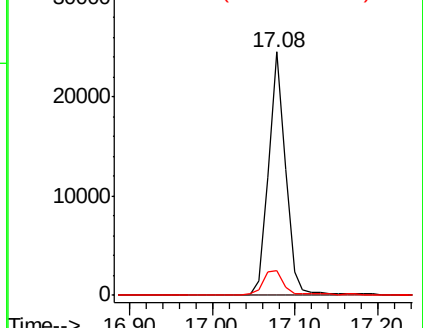
80 10.3 8.8 13.2



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: 0.321 ng

RT: 16.28 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

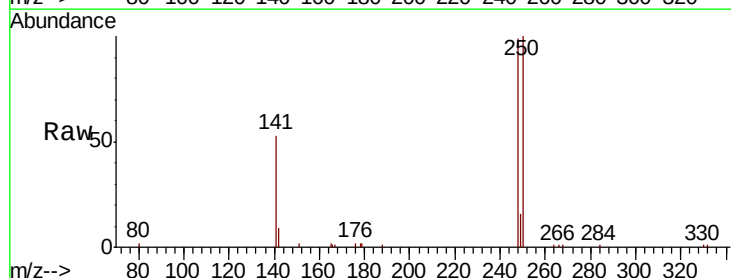
Tgt Ion:248 Resp: 6831

Ion Ratio Lower Upper

248 100

250 100.9 76.3 114.5

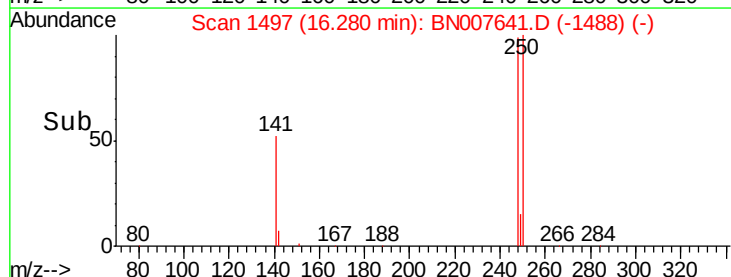
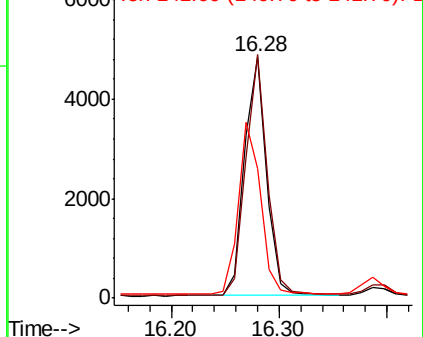
141 53.6 49.7 74.5

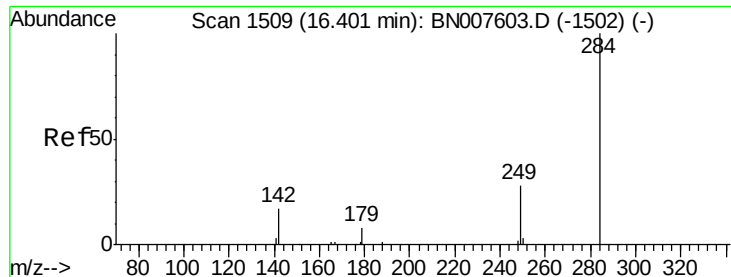


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.325 ng

RT: 16.40 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

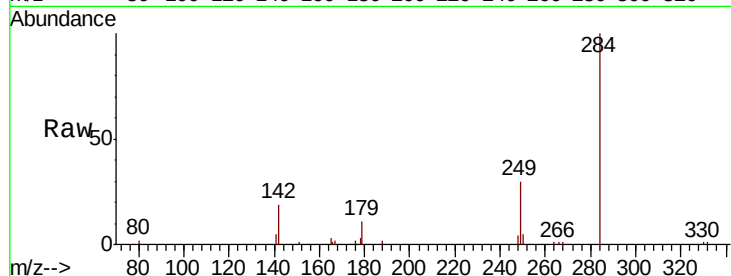
Tot Ion:284 Resp: 7394

Ion Ratio Lower Upper

284 100

142 35.4 27.8 41.6

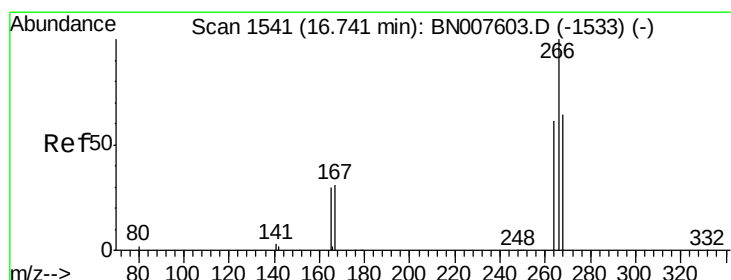
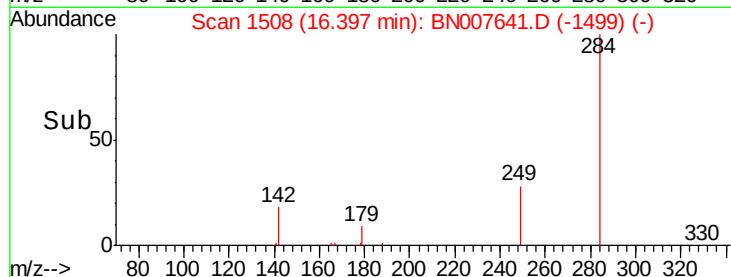
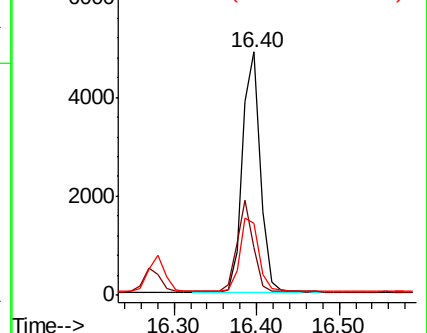
249 32.1 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.597 ng

RT: 16.74 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

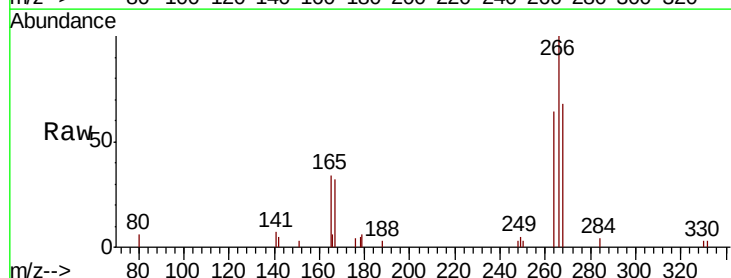
Tgt Ion:266 Resp: 3525

Ion Ratio Lower Upper

266 100

264 63.9 49.4 74.0

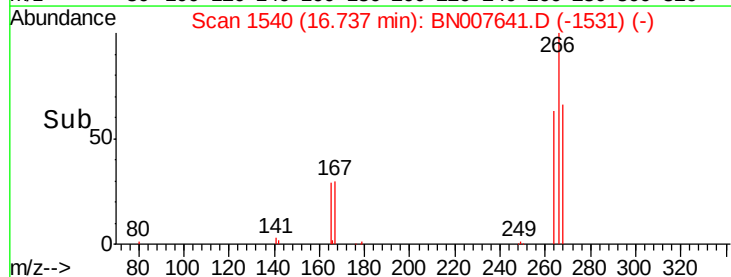
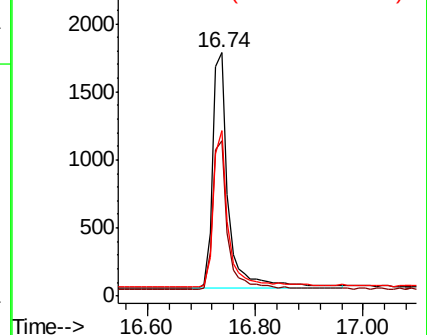
268 68.1 53.0 79.6

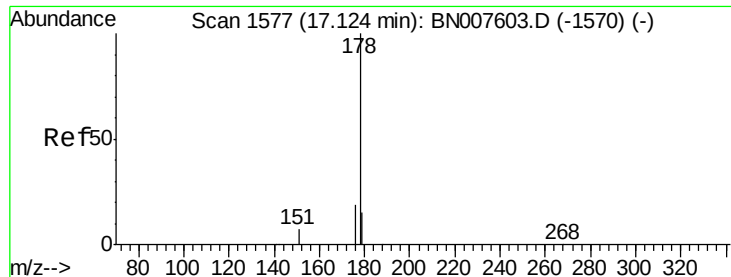


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.331 ng

RT: 17.12 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

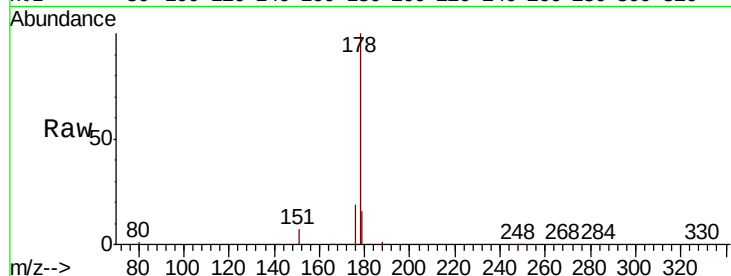
Tot Ion:178 Resp: 35880

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

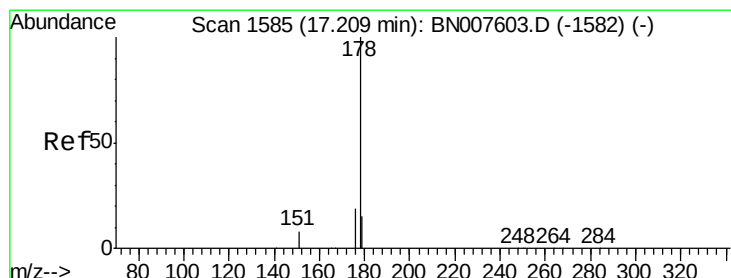
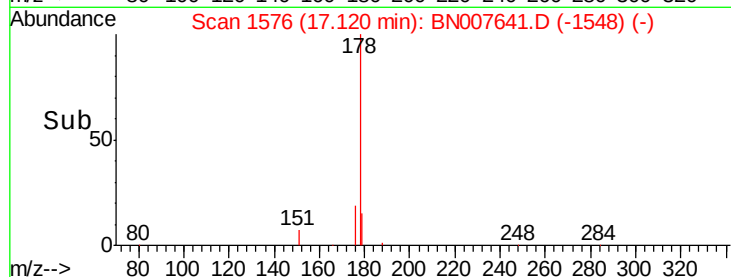
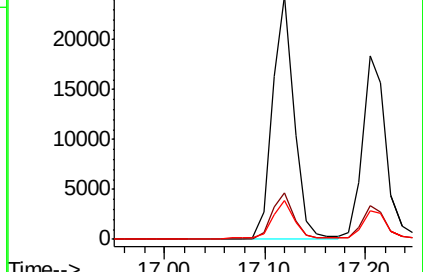
179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.310 ng

RT: 17.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

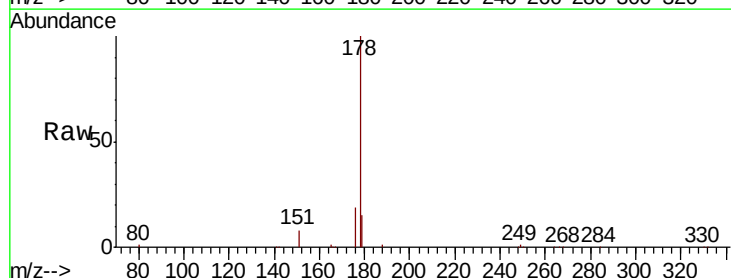
Tgt Ion:178 Resp: 29864

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

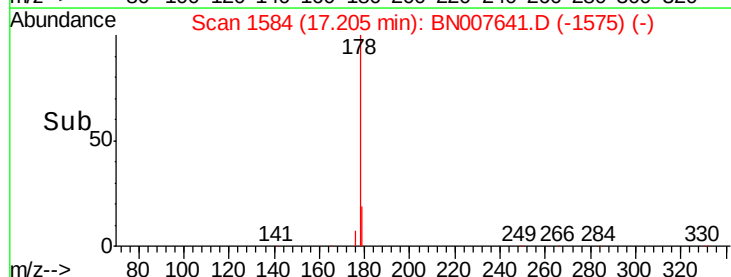
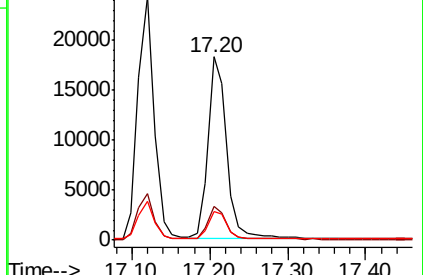
179 15.3 12.4 18.6

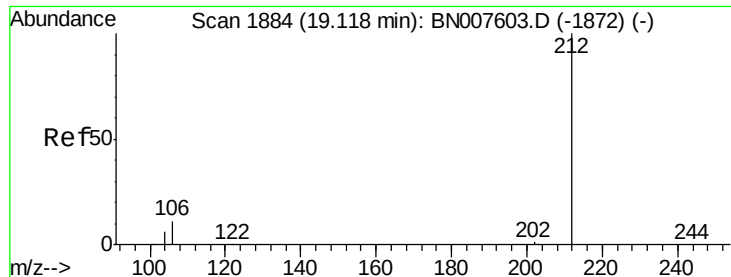


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.345 ng

RT: 19.11 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

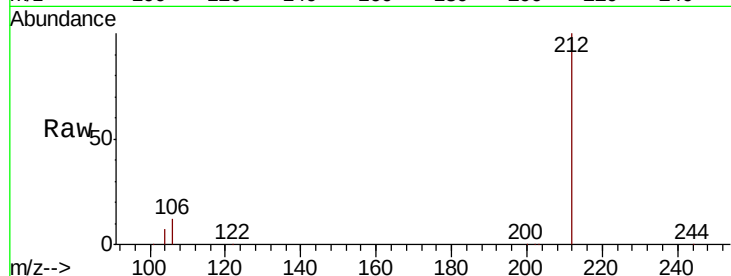
Tot Ion:212 Resp: 37403

Ion Ratio Lower Upper

212 100

106 12.1 9.6 14.4

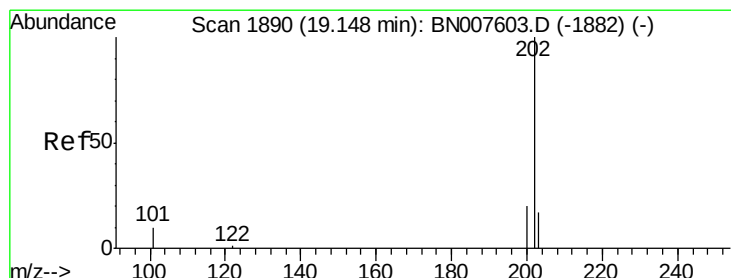
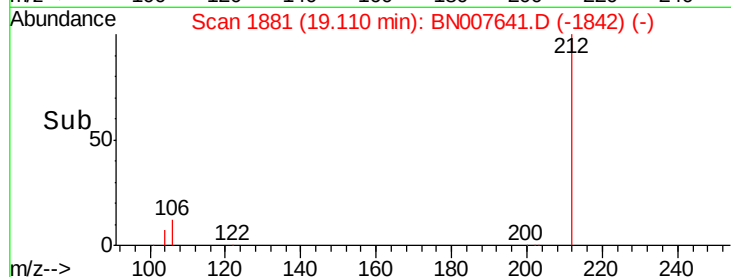
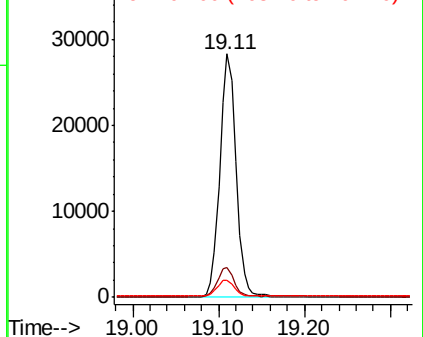
104 6.9 5.4 8.0



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: 0.311 ng

RT: 19.14 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

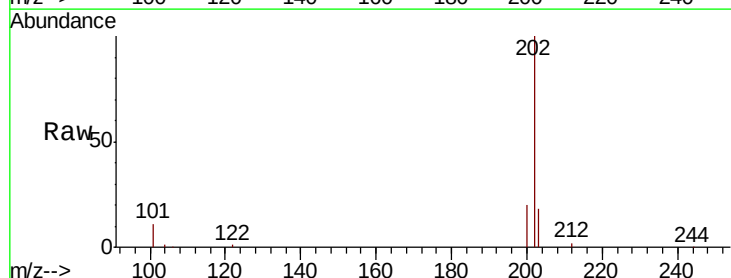
Tgt Ion:202 Resp: 39468

Ion Ratio Lower Upper

202 100

101 11.2 8.6 13.0

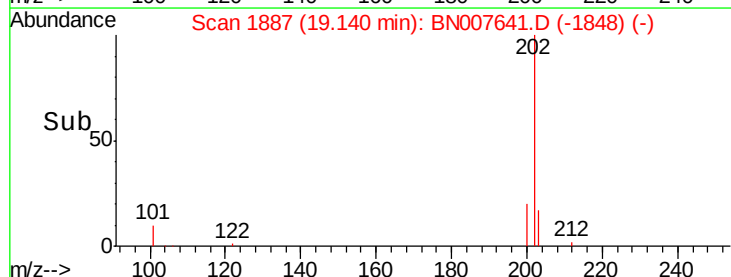
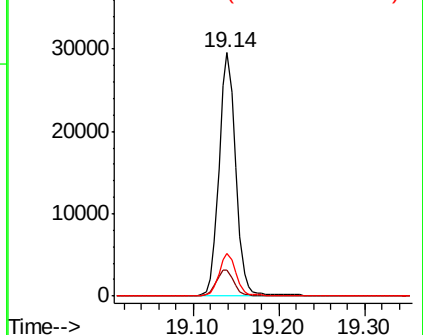
203 17.6 13.8 20.6

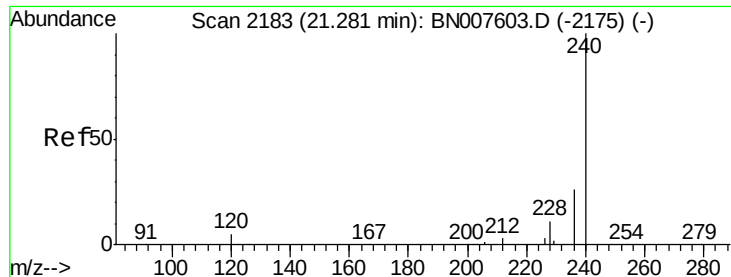


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2181

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

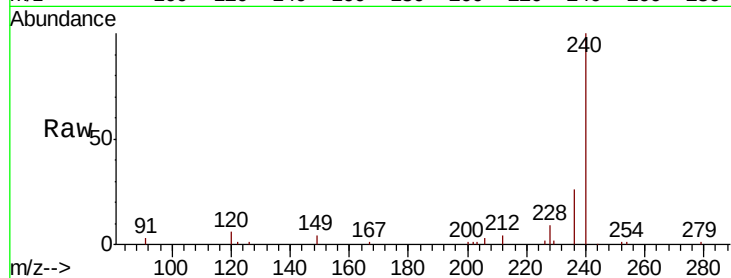
Tot Ion:240 Resp: 31453

Ion Ratio Lower Upper

240 100

120 5.8 4.3 6.5

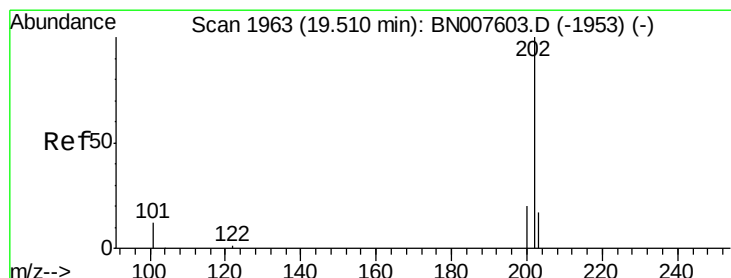
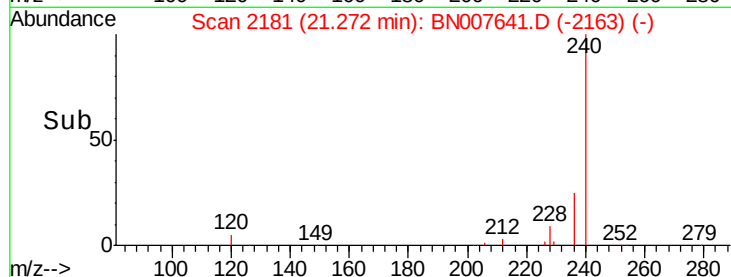
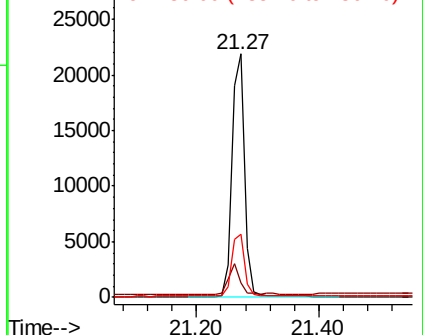
236 25.8 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.342 ng

RT: 19.50 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

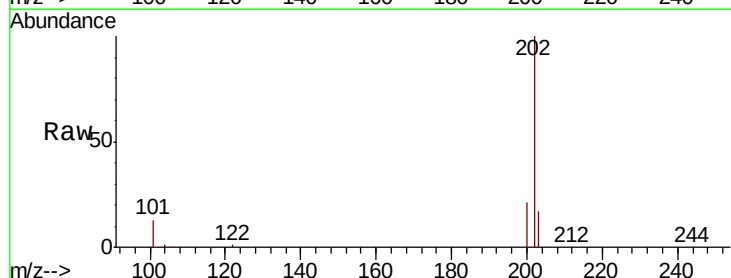
Tgt Ion:202 Resp: 39100

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

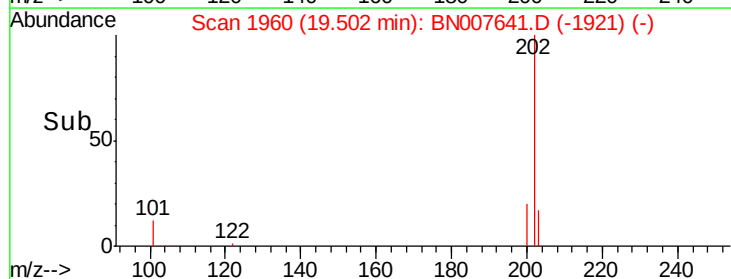
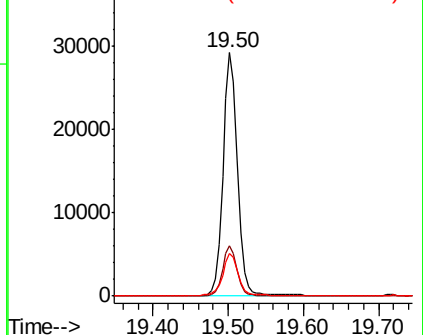
203 18.0 14.0 21.0

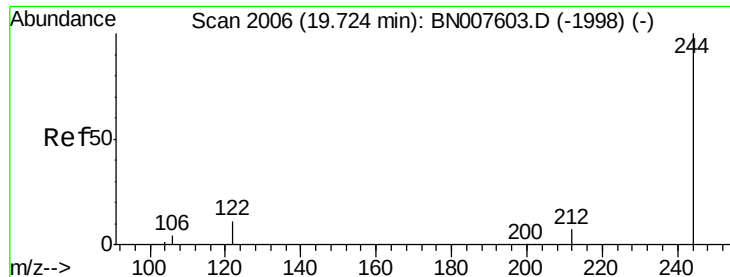


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.374 ng

RT: 19.72 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

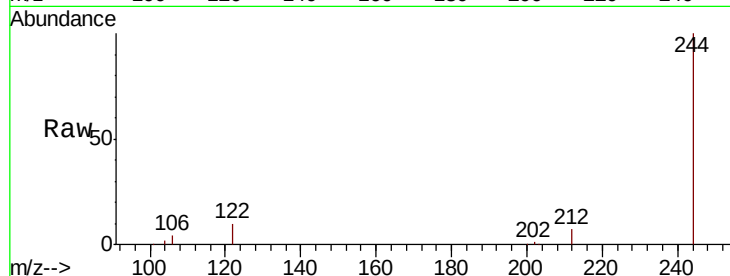
Tot Ion:244 Resp: 31003

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

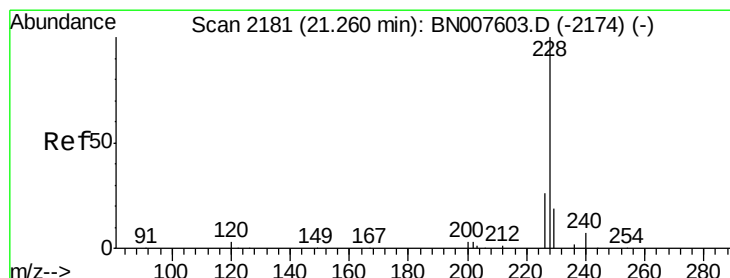
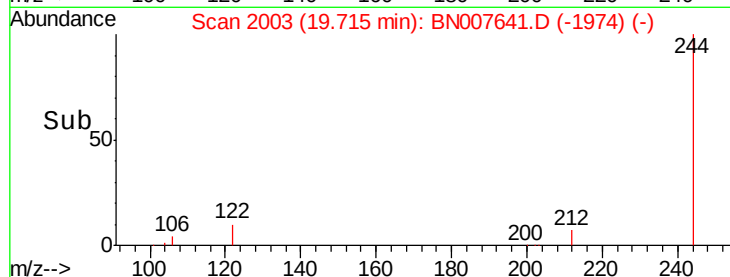
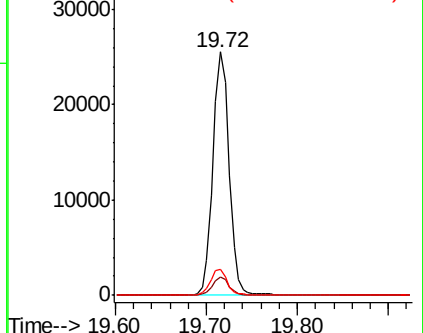
122 10.5 8.6 12.8



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: 0.307 ng

RT: 21.25 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

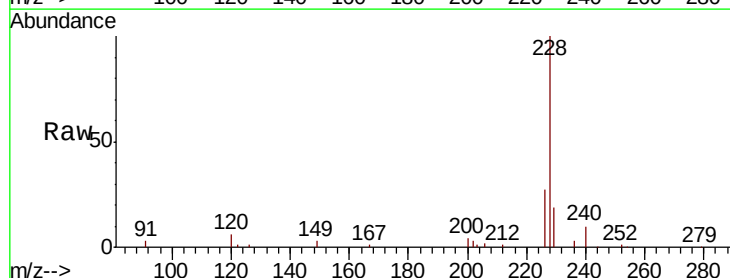
Tgt Ion:228 Resp: 34274

Ion Ratio Lower Upper

228 100

226 26.7 21.2 31.8

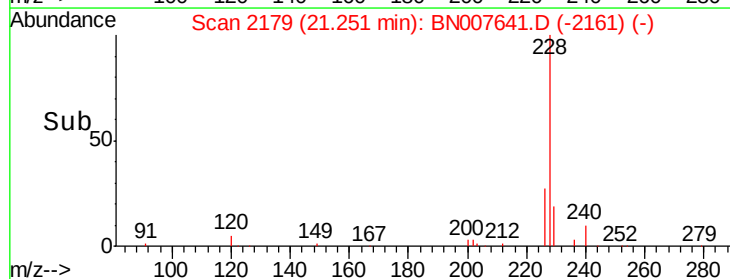
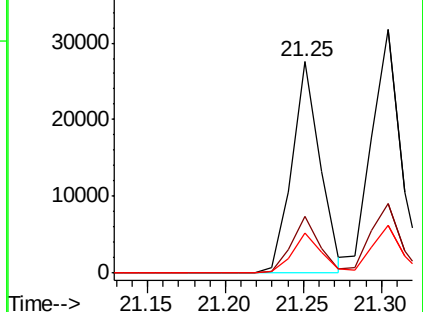
229 19.1 15.5 23.3

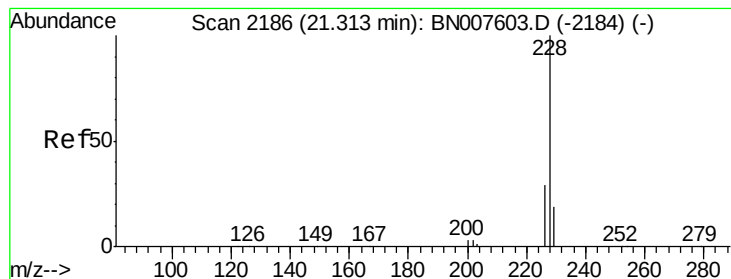


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.345 ng

RT: 21.30 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

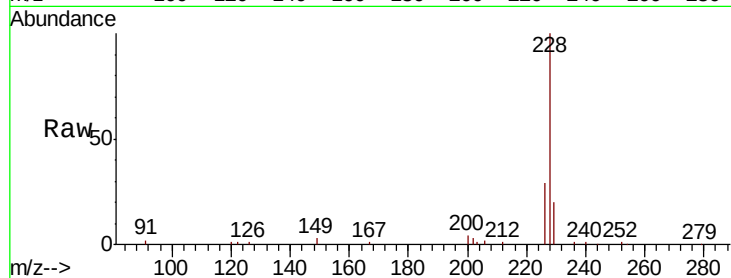
BNA_N

ClientSampleId :

PB123061BSD

Tot Ion:228 Resp: 40042

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	19.8	15.5	23.3

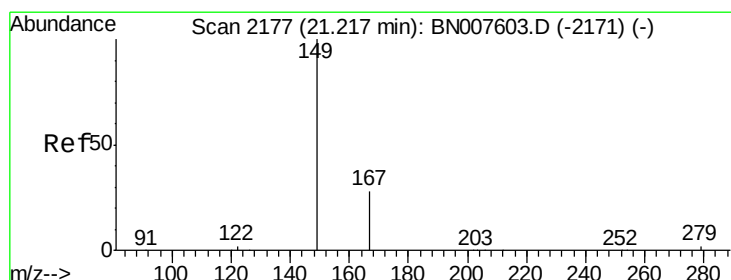
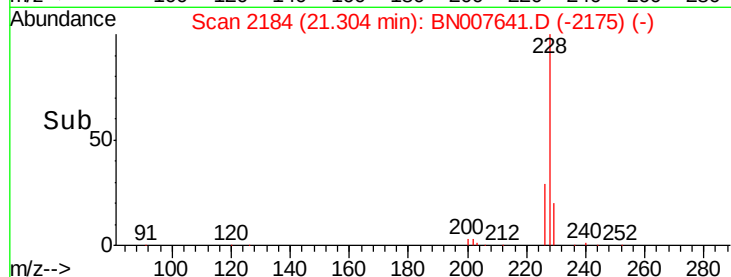
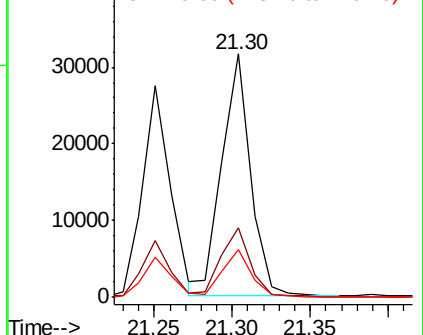


Abundance

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: 0.260 ng

RT: 21.21 min Scan# 2175

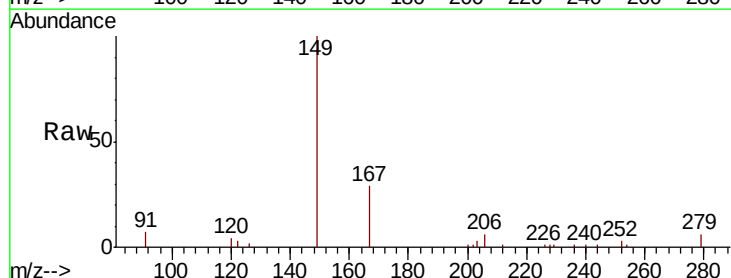
Delta R.T. -0.01 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Tgt Ion:149 Resp: 9837

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	4.7	3.8	5.6

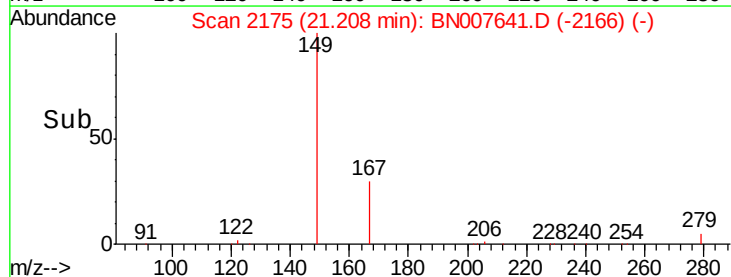
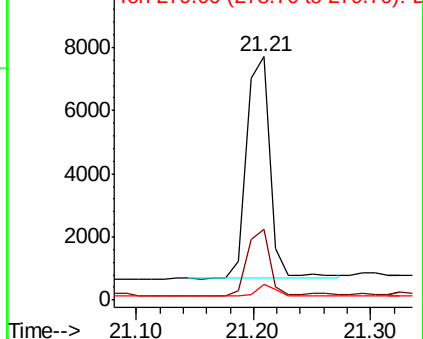


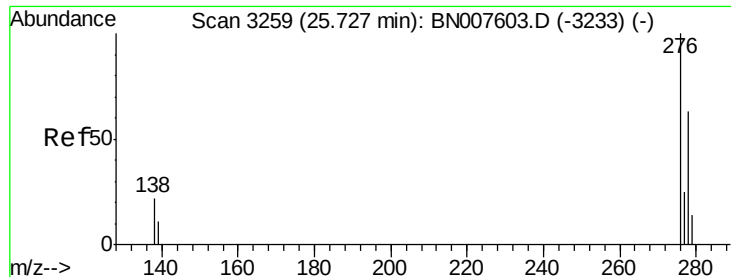
Abundance

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

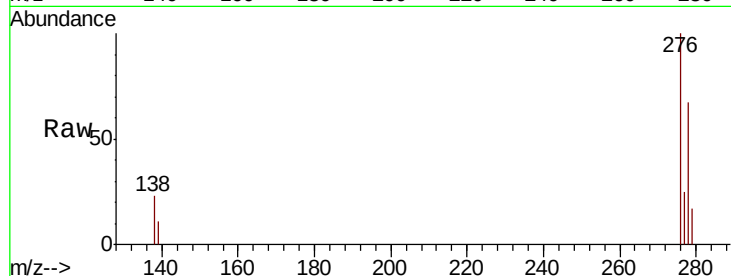




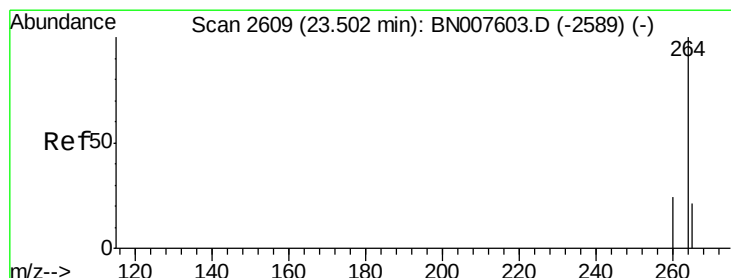
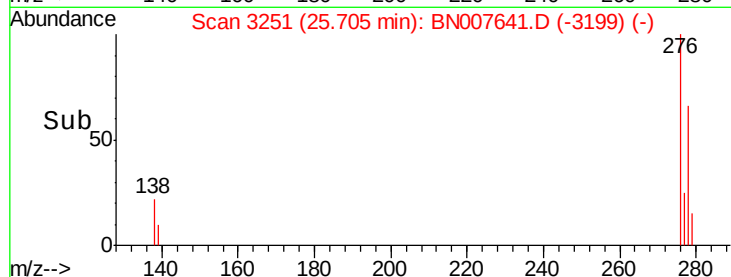
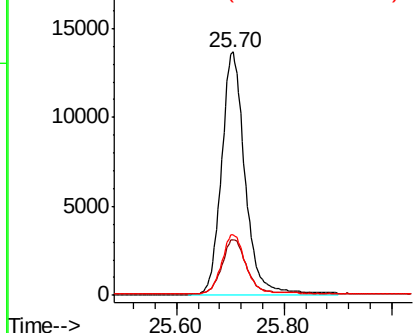
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.332 ng
 RT: 25.70 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BN007641.D
 Acq: 13 Sep 2019 23:36

Instrument :
 BNA_N
 ClientSampleId :
 PB123061BSD

Tot Ion:276 Resp: 41125
 Ion Ratio Lower Upper
 276 100
 138 22.9 18.2 27.4
 277 25.0 20.1 30.1

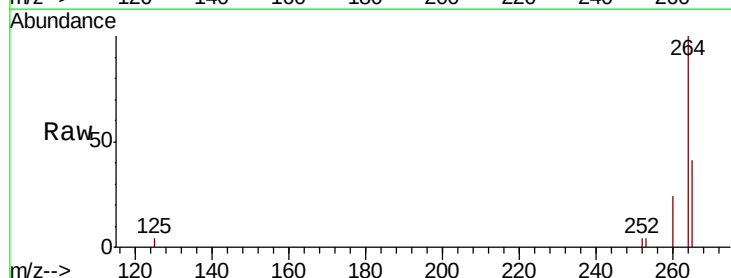


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

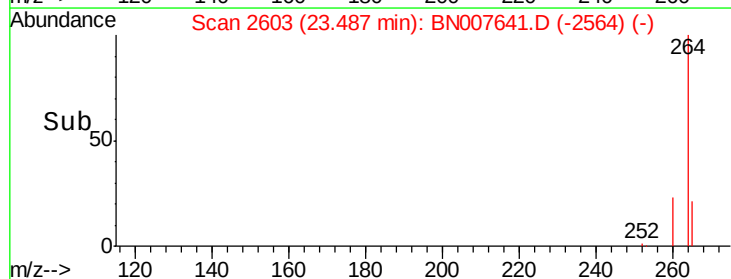
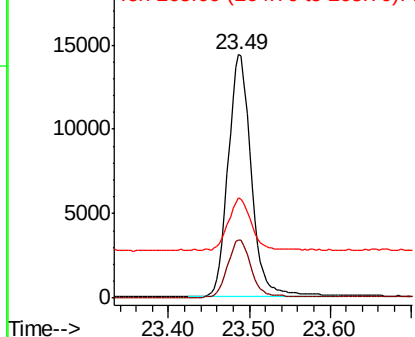


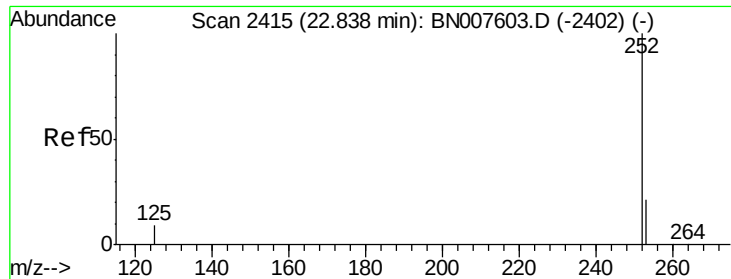
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BN007641.D
 Acq: 13 Sep 2019 23:36

Tgt Ion:264 Resp: 28703
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 41.0 24.6 37.0#



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

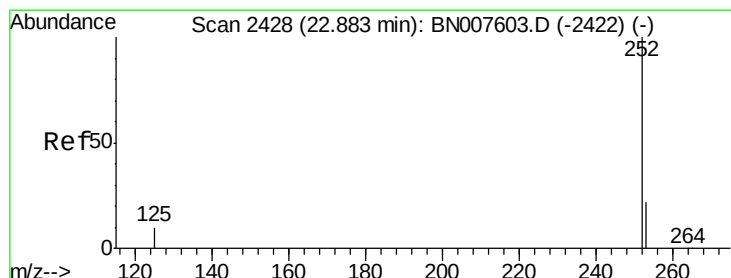
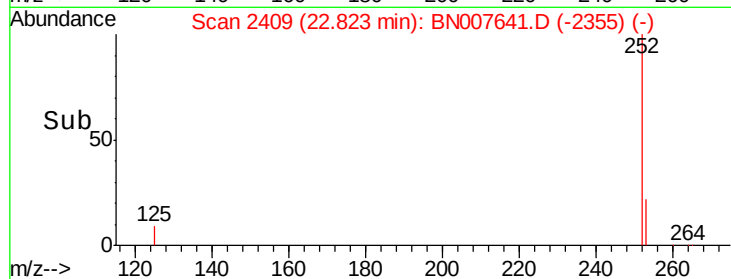
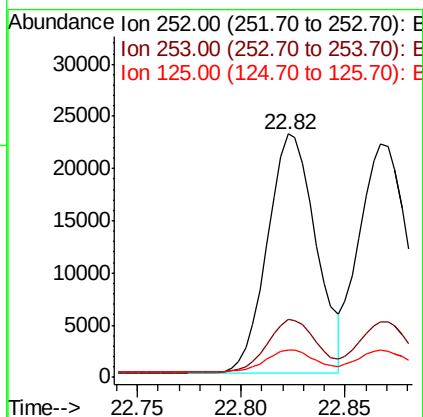
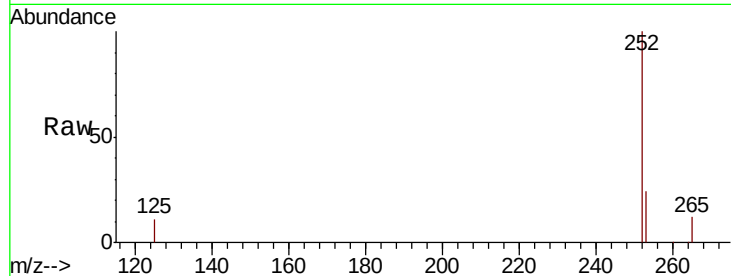




#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BN007641.D
Acq: 13 Sep 2019 23:36

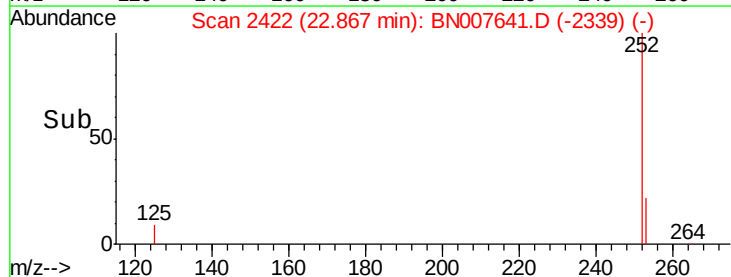
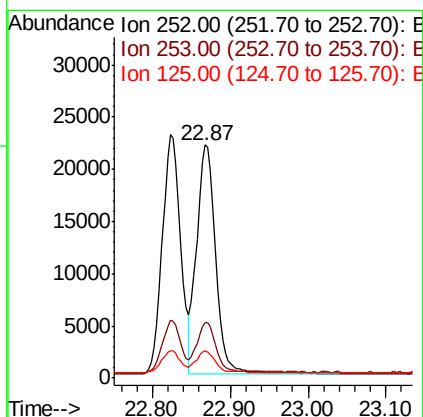
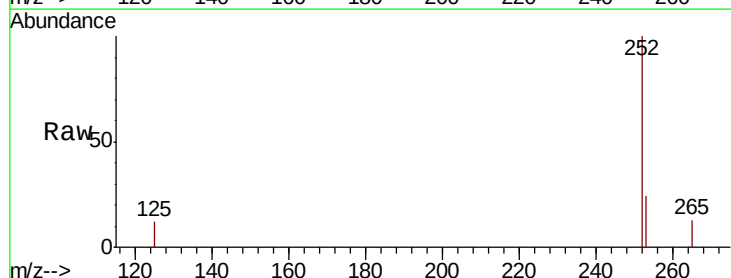
Instrument :
BNA_N
ClientSampleId :
PB123061BSD

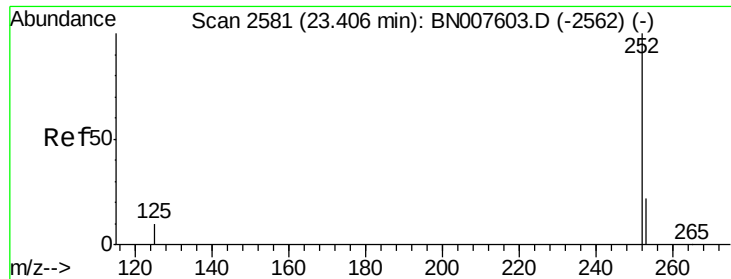
Tot Ion:252 Resp: 37415
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 11.2 8.0 12.0



#36
Benzo(k)fluoranthene
Concen: 0.356 ng
RT: 22.87 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BN007641.D
Acq: 13 Sep 2019 23:36

Tgt Ion:252 Resp: 37975
Ion Ratio Lower Upper
252 100
253 23.7 18.3 27.5
125 11.6 8.9 13.3





#37

Benzo(a)pyrene

Concen: 0.345 ng

RT: 23.39 min Scan# 2575

Delta R.T. -0.02 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

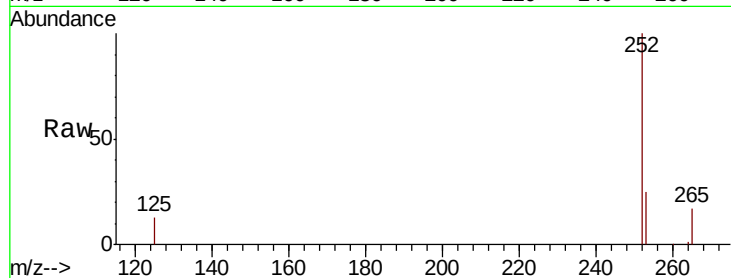
Tot Ion:252 Resp: 31903

Ion Ratio Lower Upper

252 100

253 24.8 18.3 27.5

125 13.1 8.9 13.3

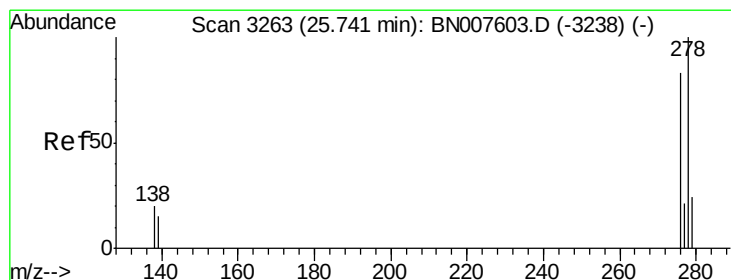
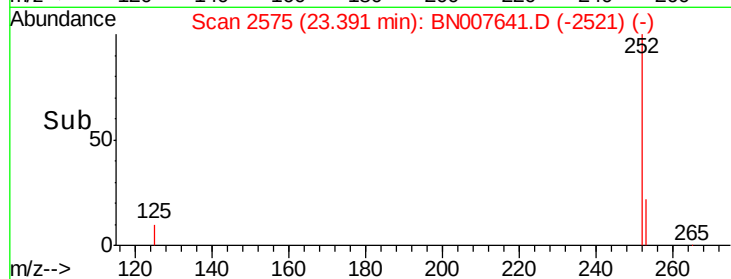
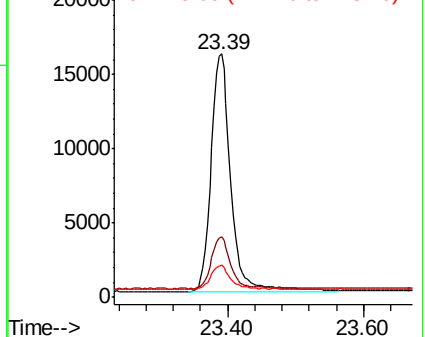


Abundance

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: 0.352 ng

RT: 25.72 min Scan# 3255

Delta R.T. -0.02 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

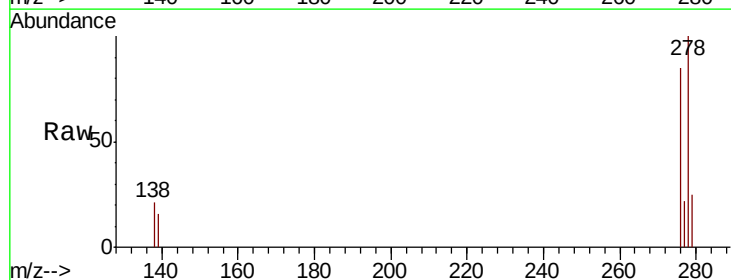
Tgt Ion:278 Resp: 34093

Ion Ratio Lower Upper

278 100

139 15.8 12.6 18.8

279 25.2 19.6 29.4

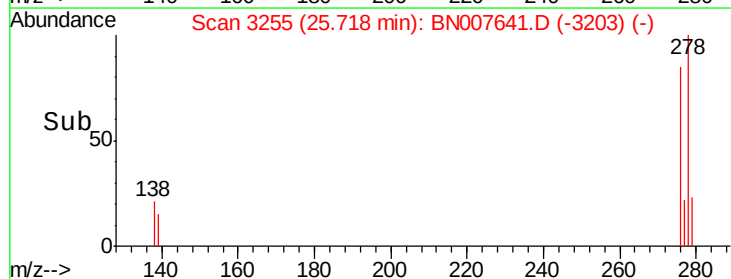
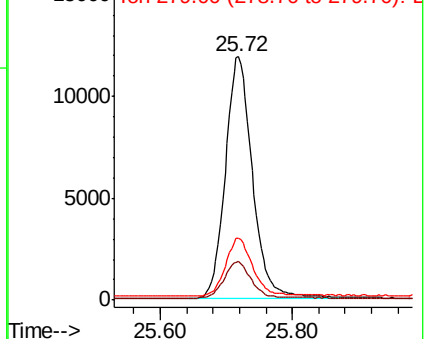


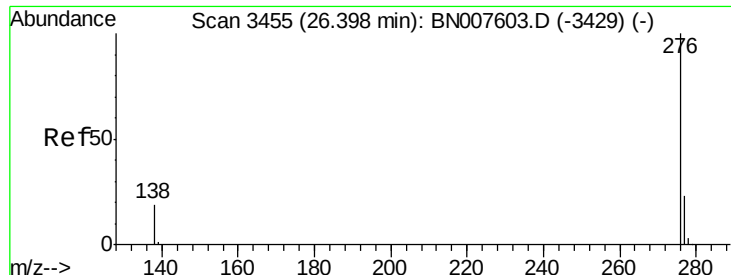
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.381 ng

RT: 26.38 min Scan# 3447

Delta R.T. -0.02 min

Lab File: BN007641.D

Acq: 13 Sep 2019 23:36

Instrument :

BNA_N

ClientSampleId :

PB123061BSD

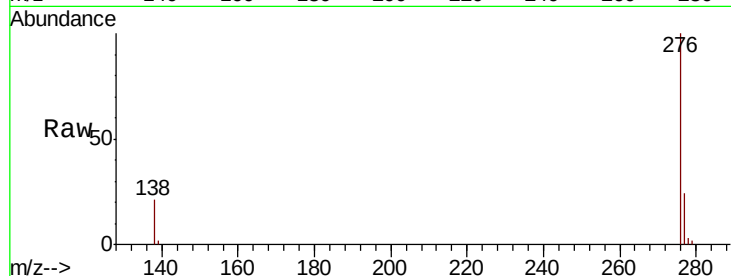
Tot Ion: 276 Resp: 36508

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 20.5 15.8 23.6



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

