

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
 Data File : BN007578.D
 Acq On : 10 Sep 2019 16:05
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 10 16:36:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 14:23:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	4813	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	20640	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	12267	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	29254	0.40	ng	0.00
27) Chrysene-d12	21.28	240	32106	0.40	ng	0.00
34) Perylene-d12	23.51	264	30200	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	73225	4.08	ng	0.00
5) Phenol-d6	6.90	99	99469	4.23	ng	0.00
8) Nitrobenzene-d5	8.86	82	72817	4.05	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	187502	5.47	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	26672	4.16	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	261762	5.29	ng	0.00
25) Fluoranthene-d10	19.12	212	509835	5.41	ng	0.00
29) Terphenyl-d14	19.73	244	421305	5.01	ng	0.00

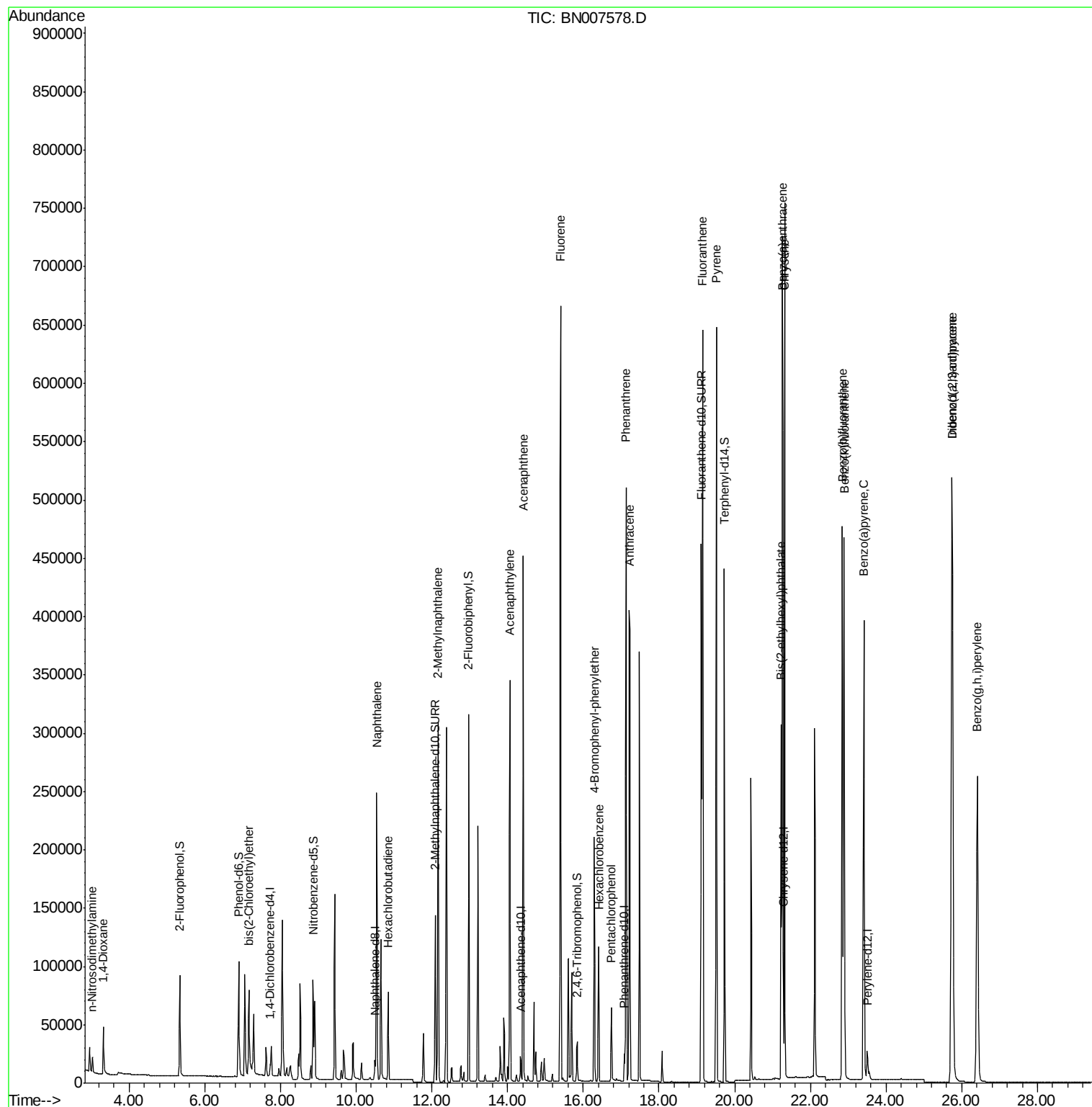
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	34038	4.256	ng	# 85
3) n-Nitrosodimethylamine	3.03	42	1617	0.435	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	73280	4.215	ng	# 76
9) Naphthalene	10.54	128	301179	5.106	ng	98
10) Hexachlorobutadiene	10.85	225	59404	4.917	ng	# 99
12) 2-Methylnaphthalene	12.16	142	212595	5.292	ng	100
16) Acenaphthylene	14.06	152	358420	4.938	ng	100
17) Acenaphthene	14.41	154	220797	5.199	ng	98
18) Fluorene	15.40	166	288379	5.369	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	93130	8.073	ng	96
21) Hexachlorobenzene	16.41	284	96070	4.899	ng	99
22) Pentachlorophenol	16.74	266	32851	5.392	ng	97
23) Phenanthrene	17.13	178	478963	5.443	ng	100
24) Anthracene	17.22	178	455976	5.152	ng	100
26) Fluoranthene	19.15	202	581119	5.143	ng	100
28) Pyrene	19.52	202	586805	4.543	ng	100
30) Benzo(a)anthracene	21.26	228	620647	4.922	ng	100
31) Chrysene	21.31	228	604262	4.965	ng	99
32) Bis(2-ethylhexyl)phthalate	21.23	149	240959	2.551	ng	98
33) Indeno(1,2,3-cd)pyrene	25.74	276	654131	4.462	ng	# 100
35) Benzo(b)fluoranthene	22.84	252	591185	5.403	ng	97
36) Benzo(k)fluoranthene	22.89	252	582437	5.386	ng	97
37) Benzo(a)pyrene	23.41	252	537130	5.158	ng	97
38) Dibenzo(a,h)anthracene	25.76	278	534368	5.143	ng	97
39) Benzo(g,h,i)perylene	26.41	276	533976	5.158	ng	99

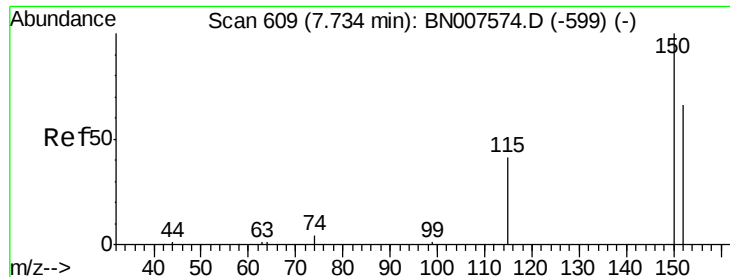
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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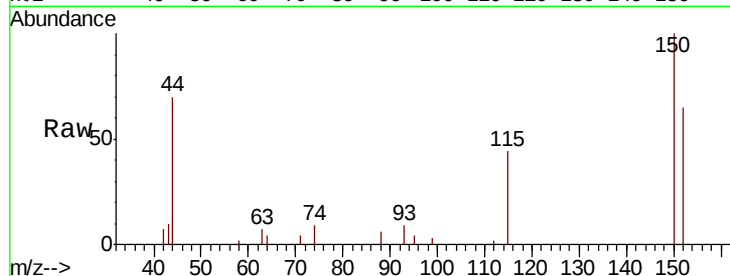


#1

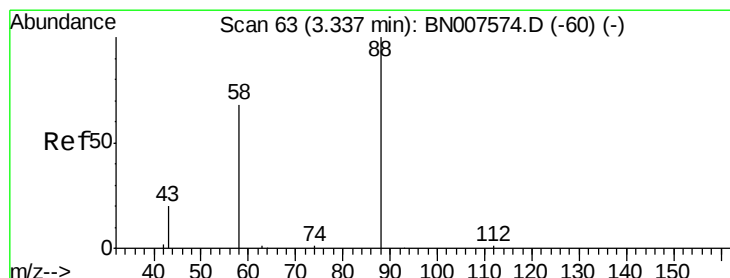
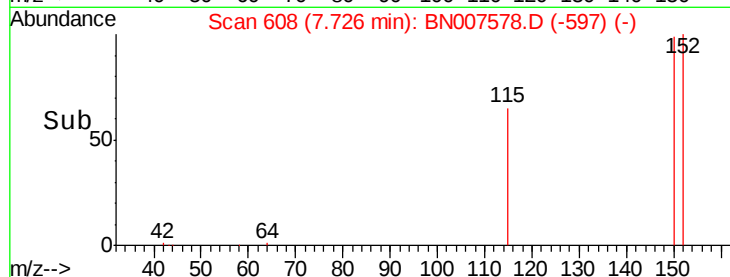
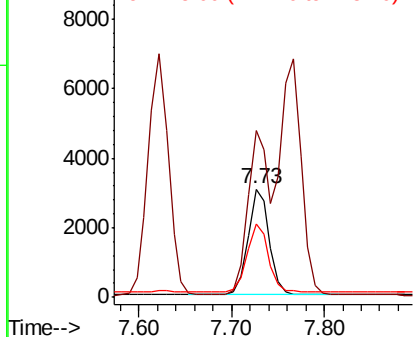
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 4813
Ion Ratio Lower Upper
152 100
150 154.3 119.5 179.3
115 68.2 53.0 79.6



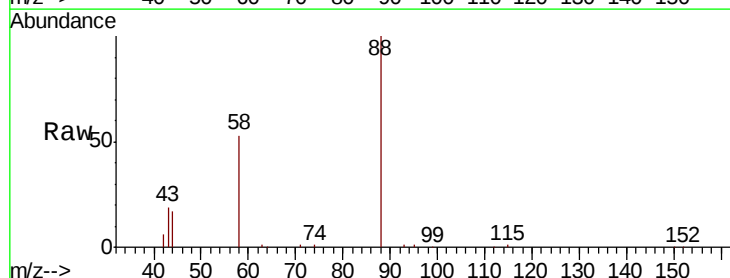
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



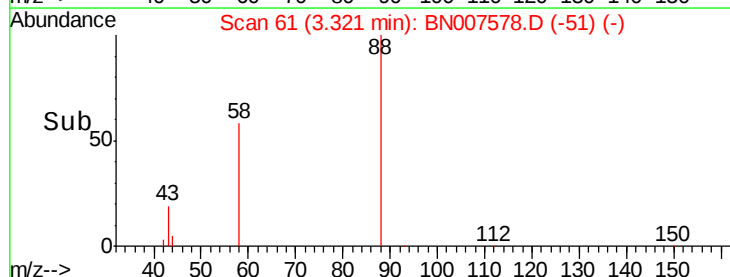
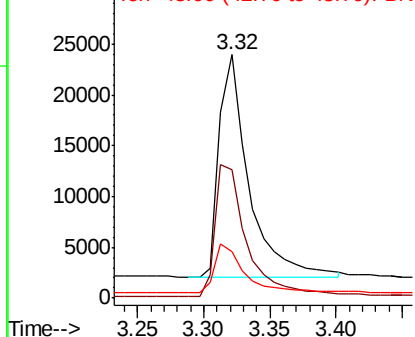
#2

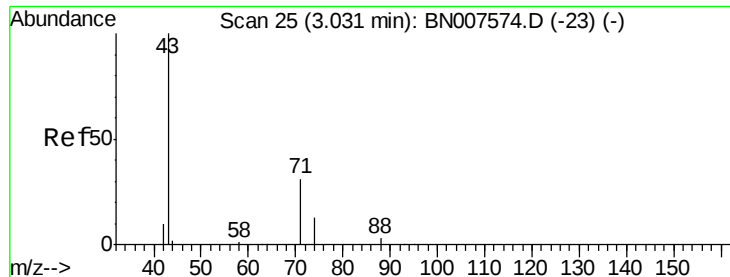
1,4-Dioxane
Concen: 4.256 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion: 88 Resp: 34038
Ion Ratio Lower Upper
88 100
58 64.4 64.6 96.8#
43 22.5 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: 0.435 ng

RT: 3.03 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampleId :

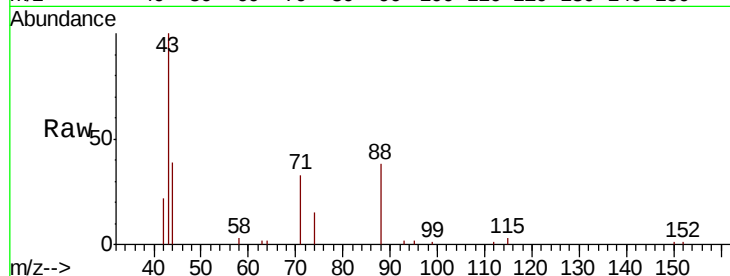
Tot Ion: 42 Resp: 1617

Ion Ratio Lower Upper

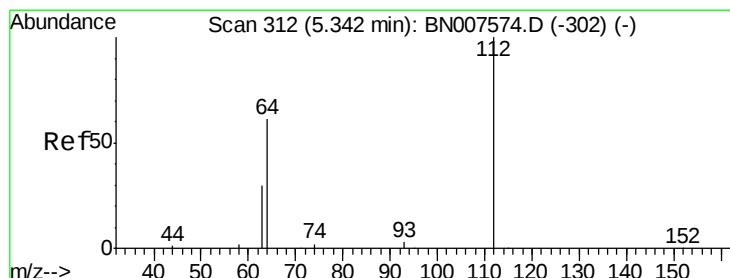
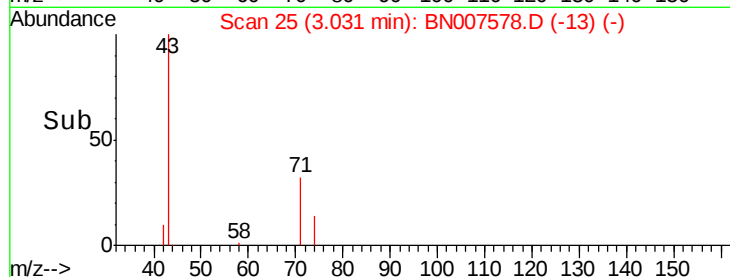
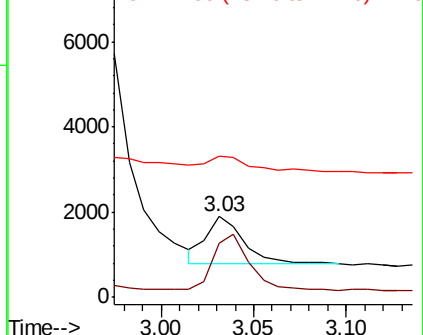
42 100

74 108.8 0.0 0.0#

44 36.6 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: 4.084 ng

RT: 5.34 min Scan# 312

Delta R.T. 0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

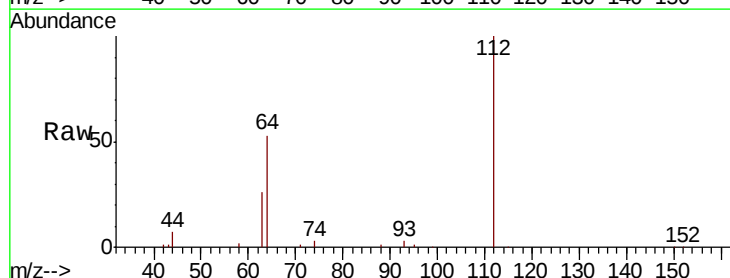
Tgt Ion: 112 Resp: 73225

Ion Ratio Lower Upper

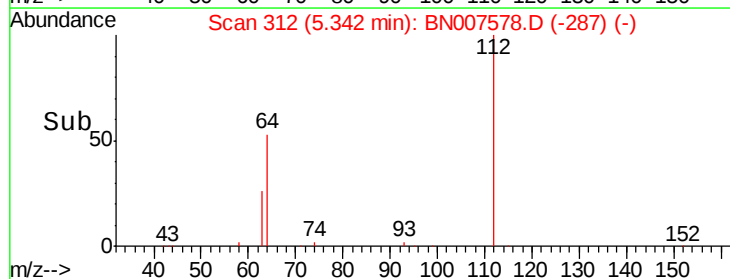
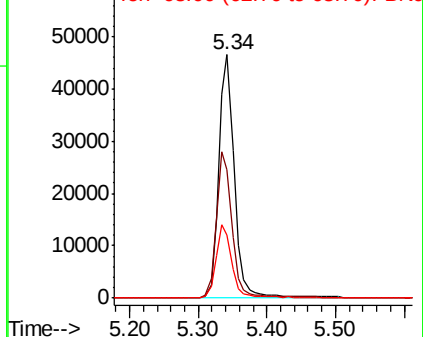
112 100

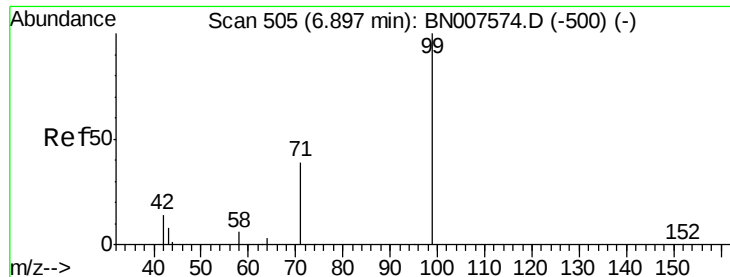
64 60.7 49.2 73.8

63 30.3 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: 4.232 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampled :

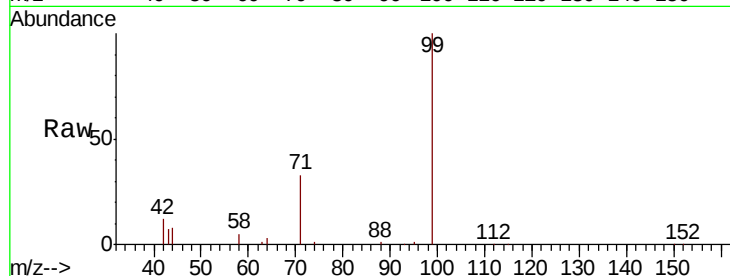
Tot Ion: 99 Resp: 99469

Ion Ratio Lower Upper

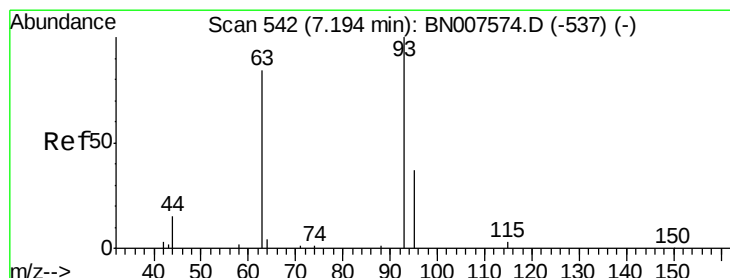
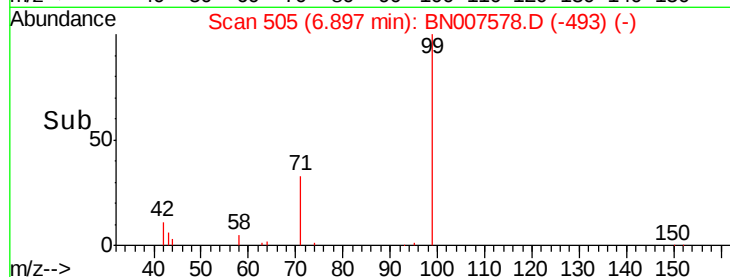
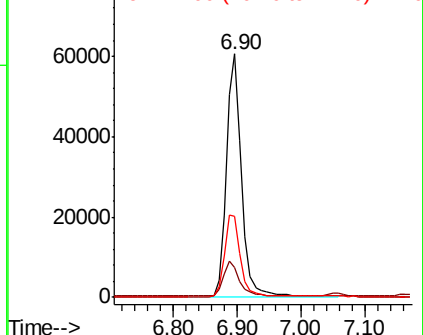
99 100

42 15.0 11.8 17.8

71 35.6 28.8 43.2



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: 4.215 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.03 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

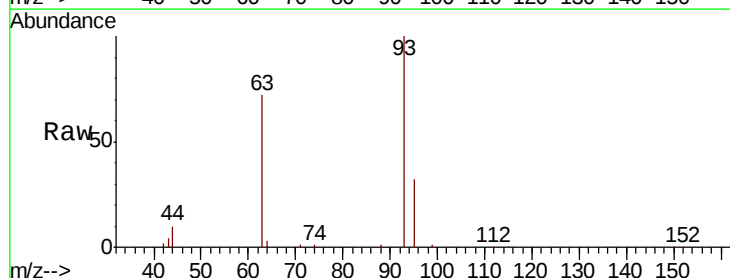
Tgt Ion: 93 Resp: 73280

Ion Ratio Lower Upper

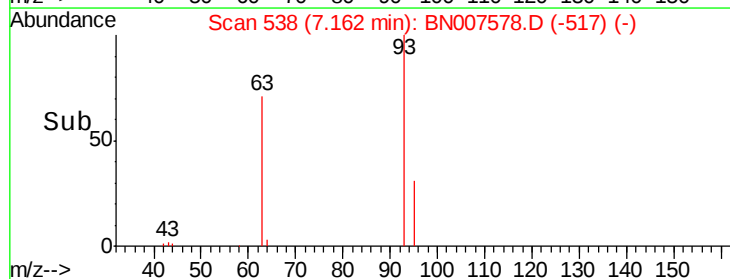
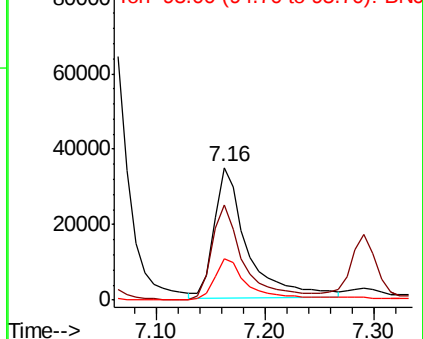
93 100

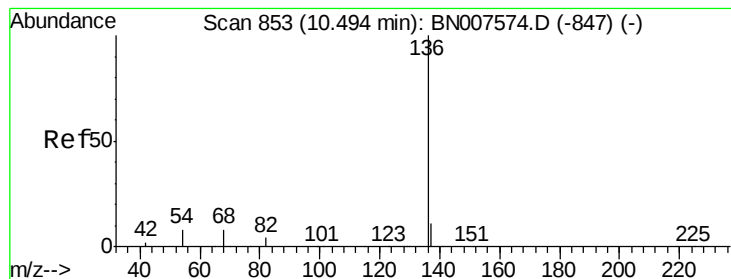
63 69.0 69.8 104.6#

95 31.1 42.8 64.2#



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: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 20640

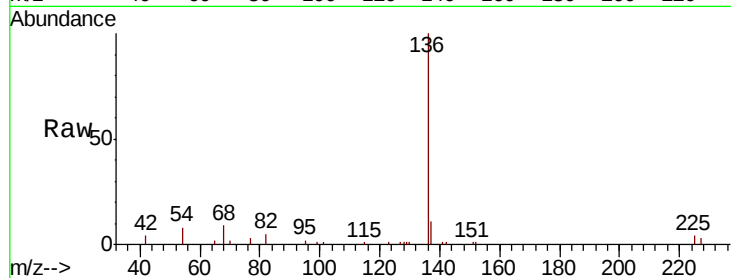
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.4 7.5 11.3

68 8.7 7.9 11.9

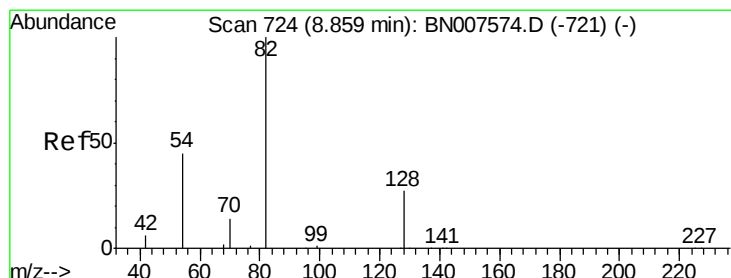
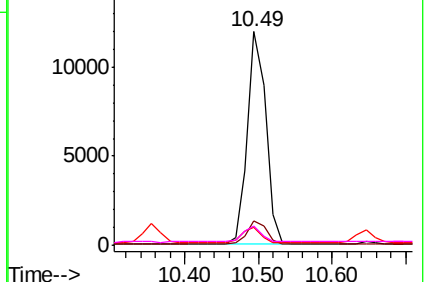
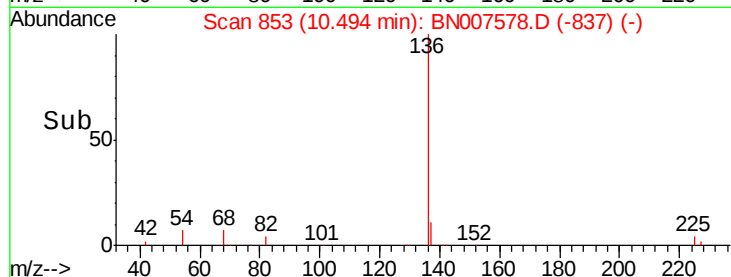


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.054 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

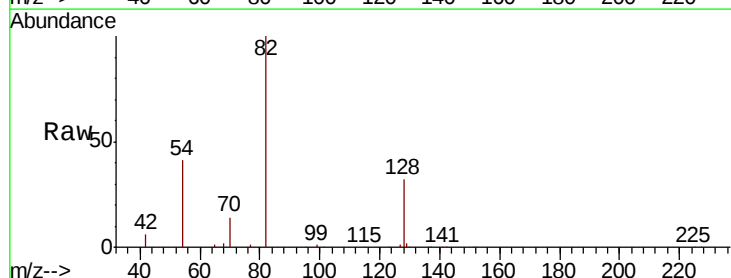
Tgt Ion: 82 Resp: 72817

Ion Ratio Lower Upper

82 100

128 31.7 23.4 35.2

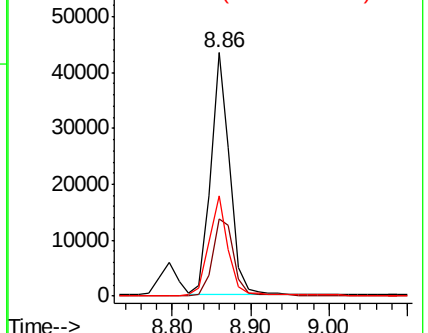
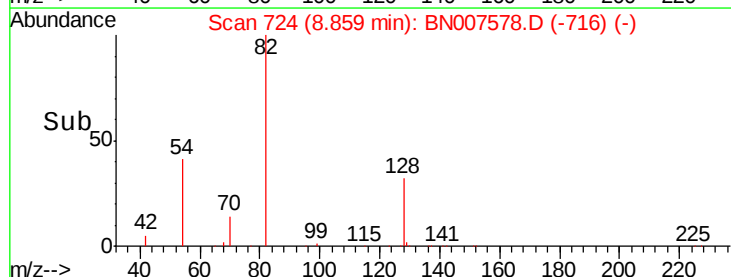
54 41.1 38.2 57.2

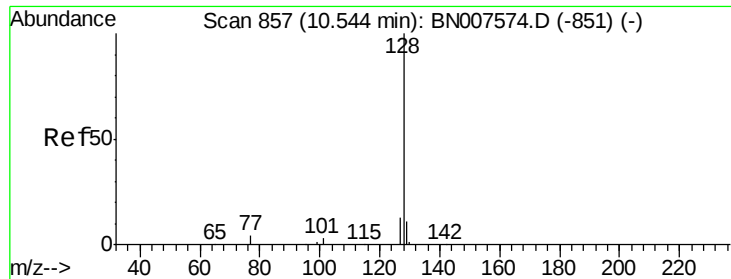


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 5.106 ng

RT: 10.54 min Scan# 857

Delta R.T. 0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampleId :

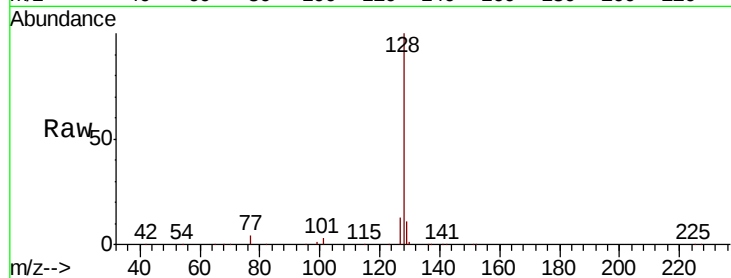
Tot Ion:128 Resp: 301179

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

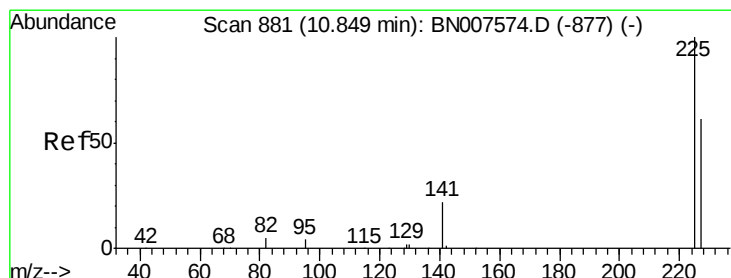
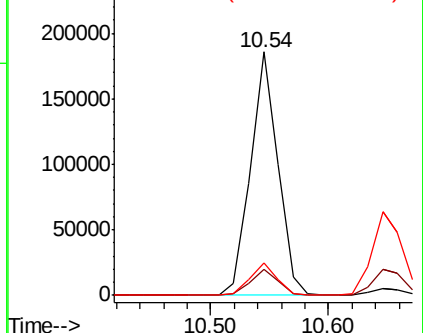
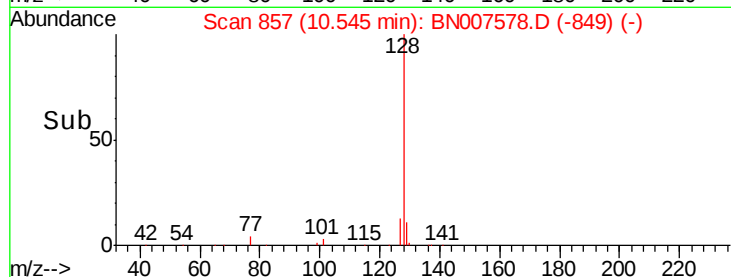
127 13.1 11.0 16.4



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: 4.917 ng

RT: 10.85 min Scan# 881

Delta R.T. 0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

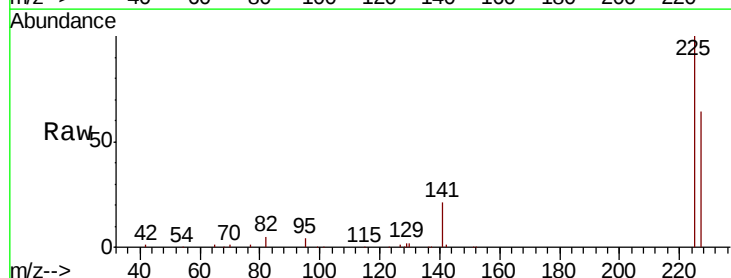
Tgt Ion:225 Resp: 59404

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

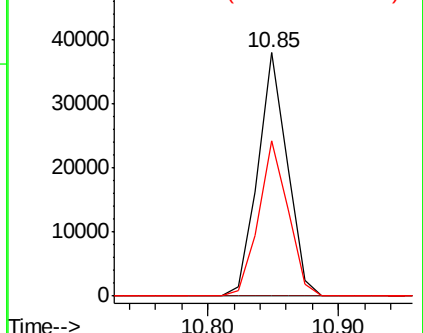
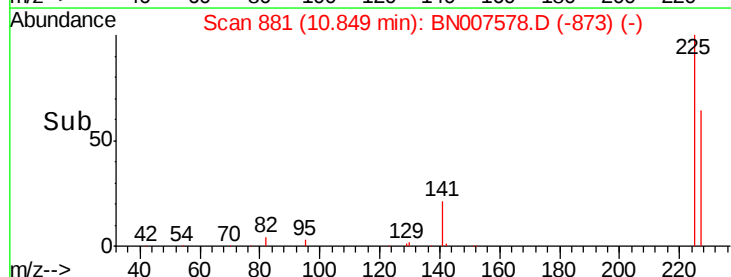
227 63.9 50.4 75.6

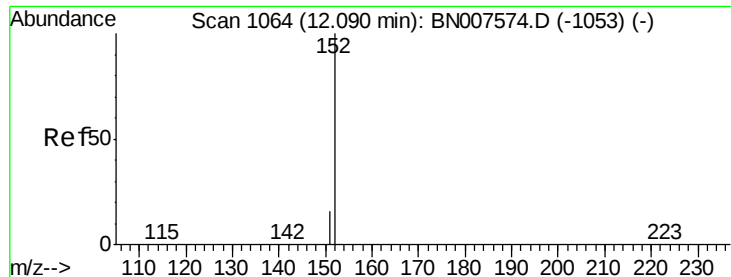


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

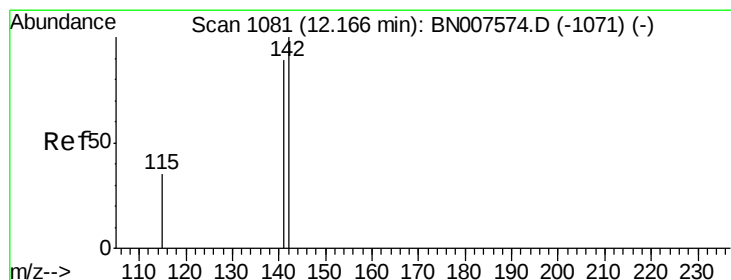
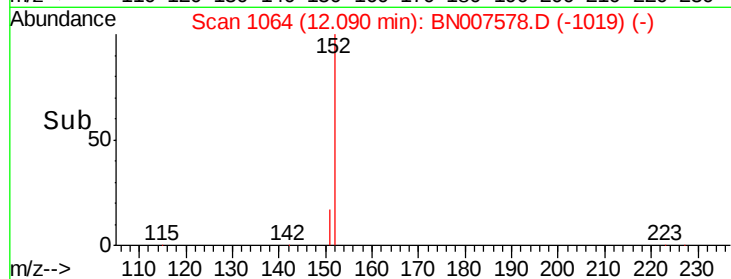
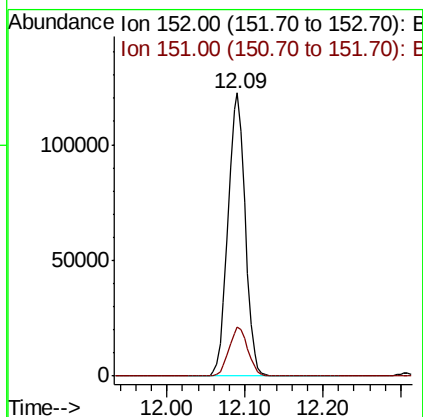
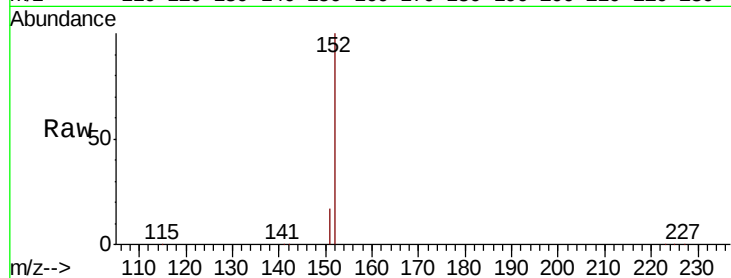




#11
 2-Methylnaphthalene-d10
 Concen: 5.467 ng
 RT: 12.09 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BN007578.D
 Acq: 10 Sep 2019 16:05

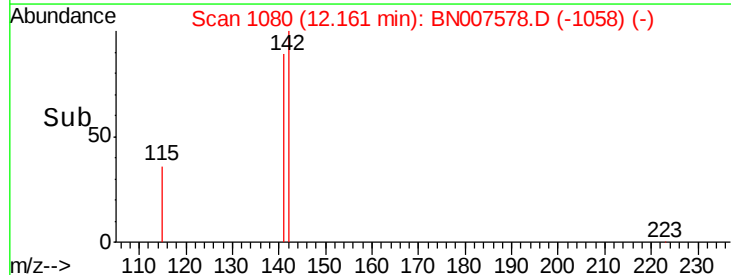
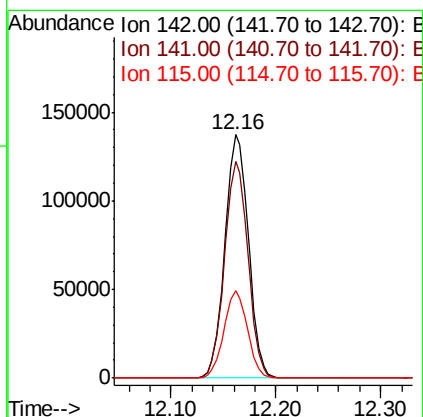
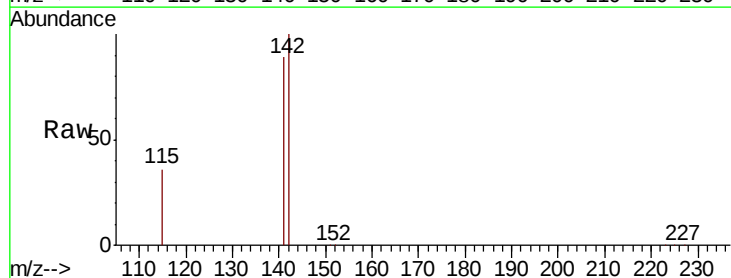
Instrument :
 BNA_N
 ClientSampleId :

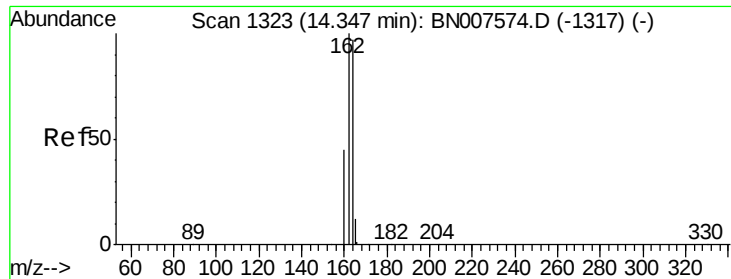
Tot Ion:152 Resp: 187502
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 5.292 ng
 RT: 12.16 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BN007578.D
 Acq: 10 Sep 2019 16:05

Tgt Ion:142 Resp: 212595
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.0 106.6
 115 35.9 29.1 43.7

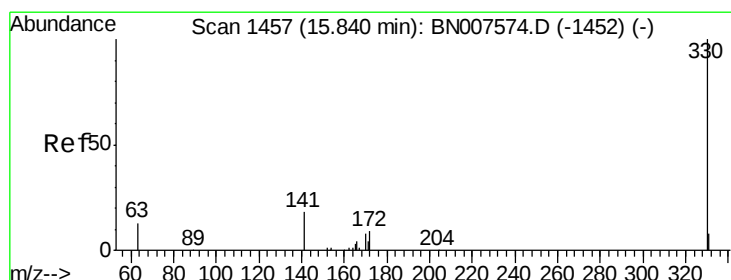
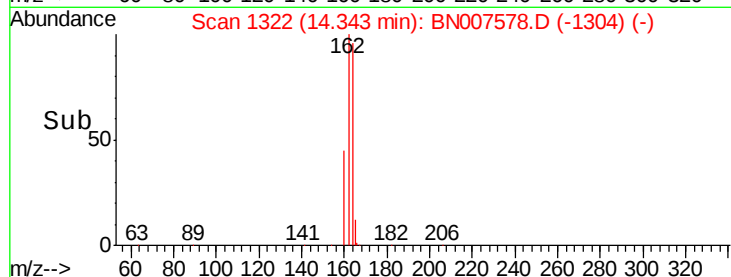
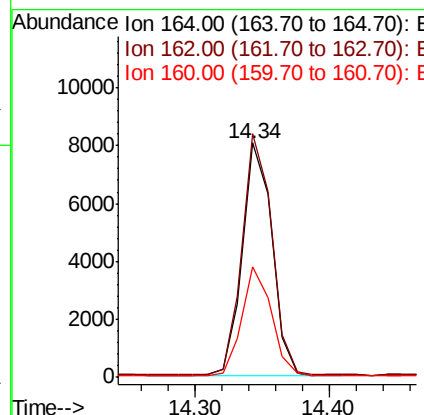
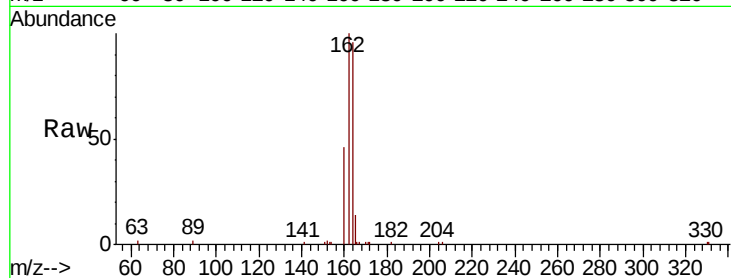




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

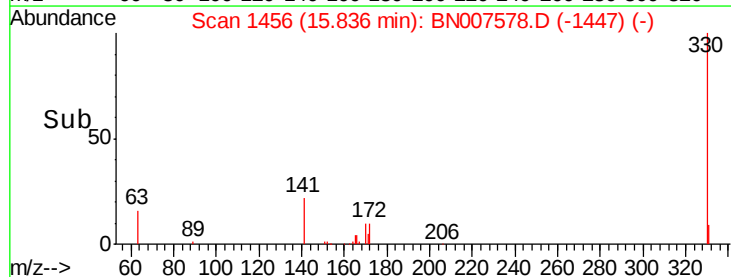
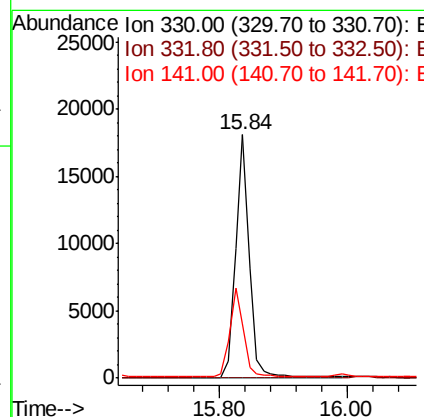
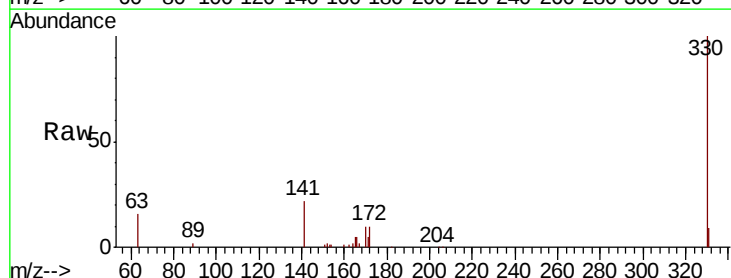
Instrument :
BNA_N
ClientSampled :

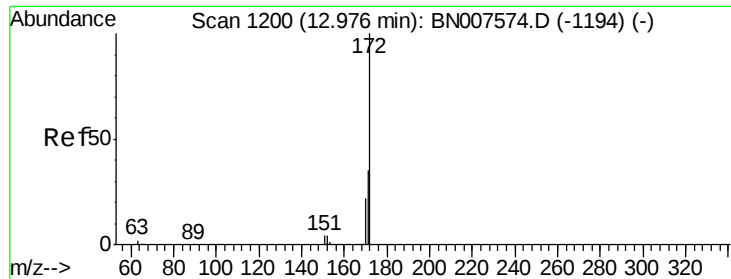
Tot Ion:164 Resp: 12267
Ion Ratio Lower Upper
164 100
162 104.0 82.2 123.2
160 47.4 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 4.156 ng
RT: 15.84 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion:330 Resp: 26672
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.9 30.6 45.8

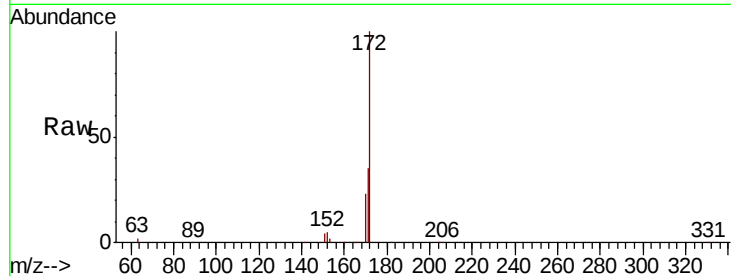




#15
2-Fluorobiphenyl
Concen: 5.291 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	22.8	18.3	27.5

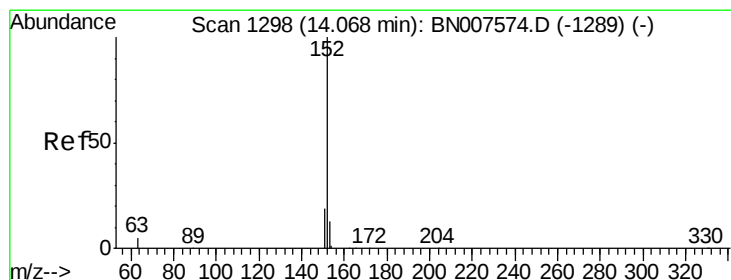
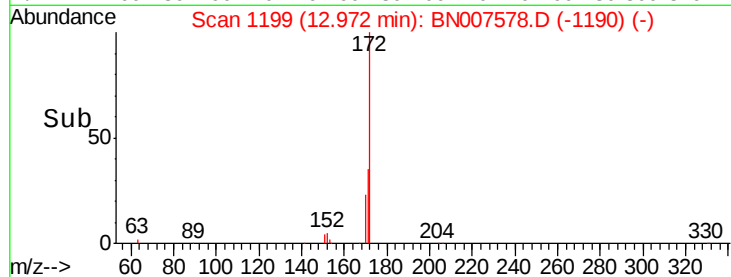
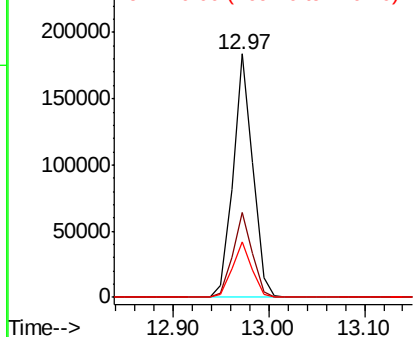


Abundance

Ion 172.00 (171.70 to 172.70): E

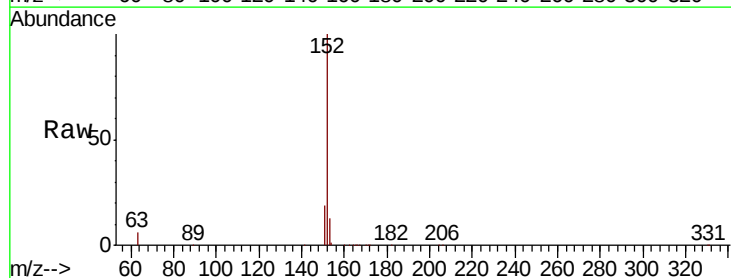
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 4.938 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007578.D
Acq: 10 Sep 2019 16:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.4	15.6

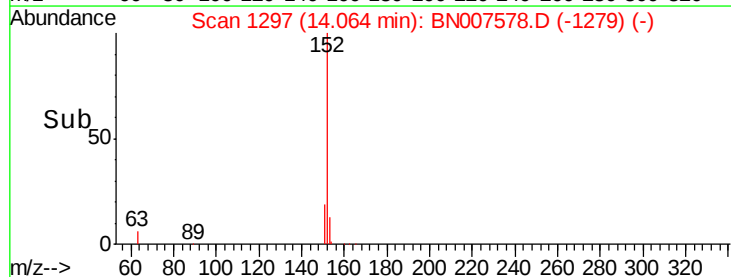
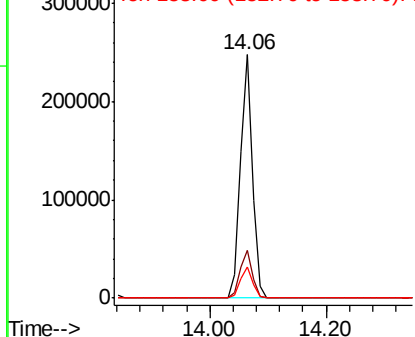


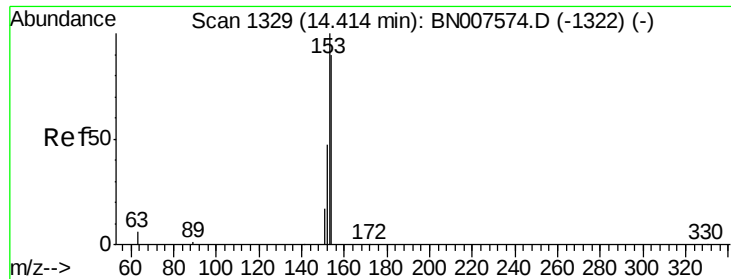
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 5.199 ng

RT: 14.41 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampleId :

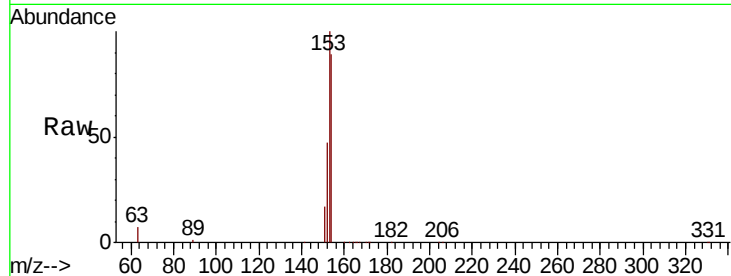
Tot Ion:154 Resp: 220797

Ion Ratio Lower Upper

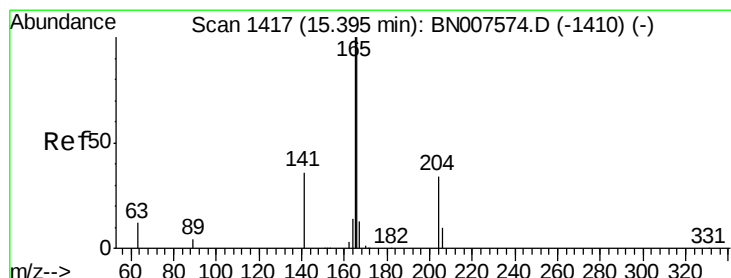
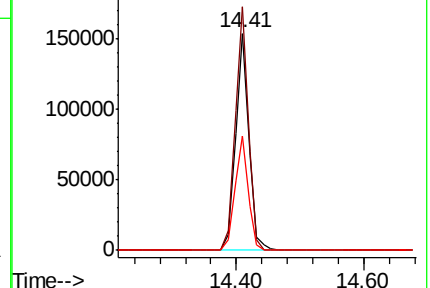
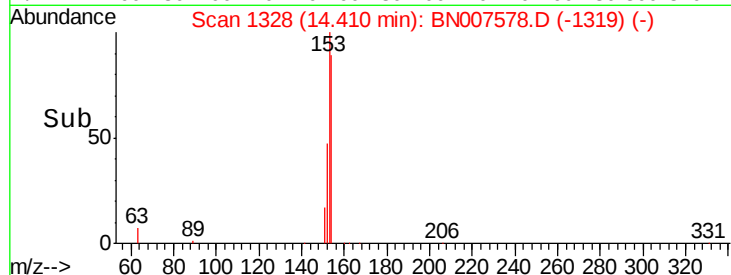
154 100

153 110.4 89.4 134.2

152 52.7 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: 5.369 ng

RT: 15.40 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

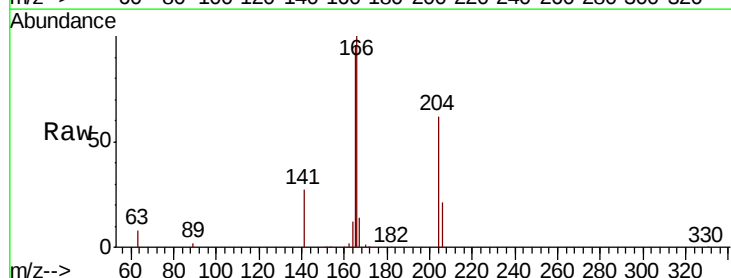
Tgt Ion:166 Resp: 288379

Ion Ratio Lower Upper

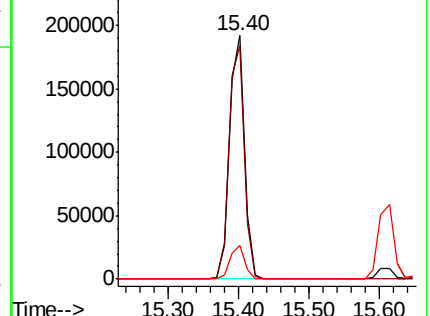
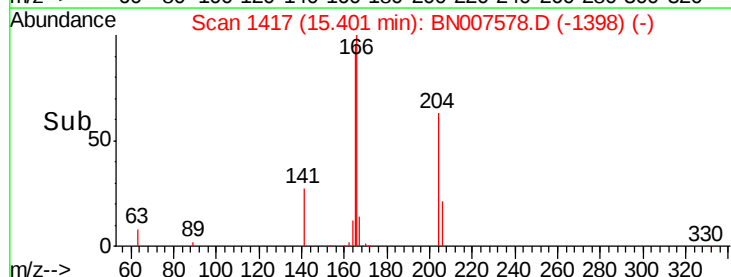
166 100

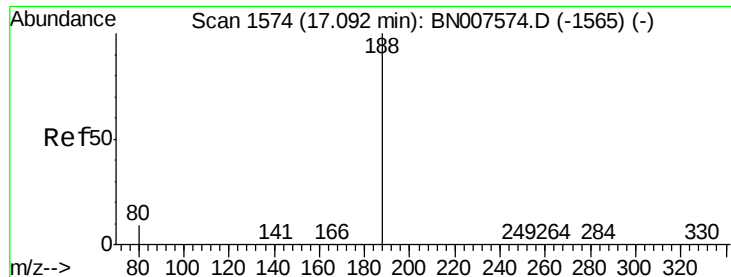
165 97.9 77.8 116.6

167 13.5 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: 17.09 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampled :

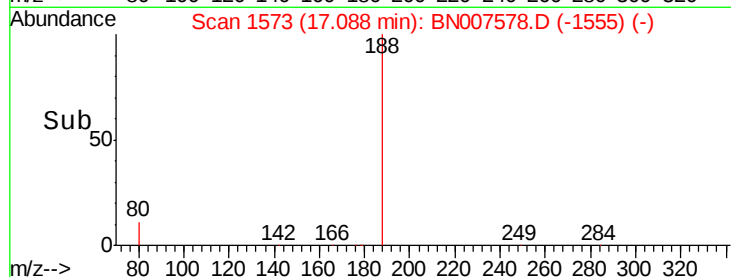
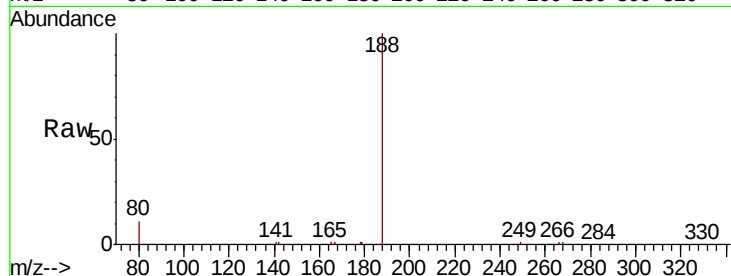
Tot Ion:188 Resp: 29254

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

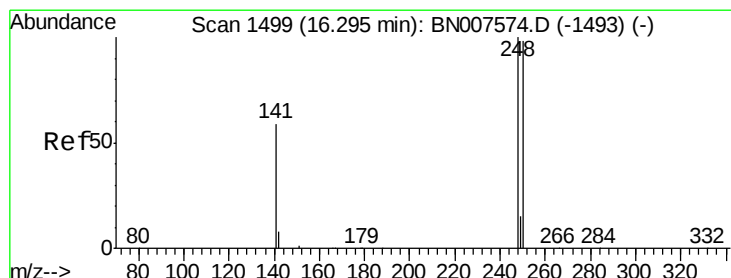
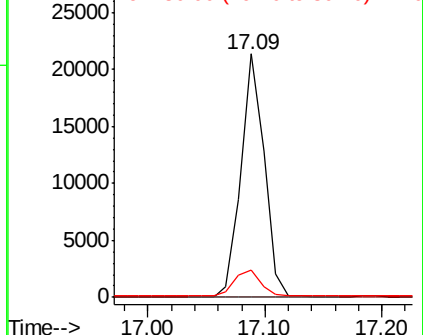
80 11.5 8.1 12.1



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: 8.073 ng

RT: 16.29 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

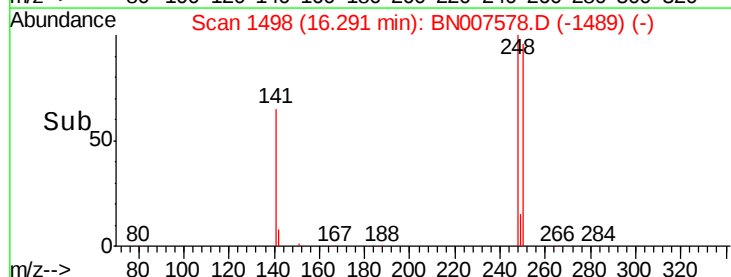
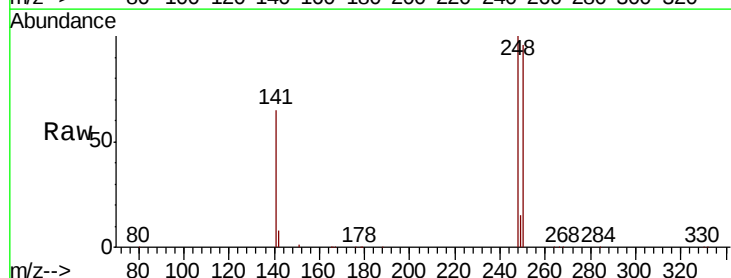
Tgt Ion:248 Resp: 93130

Ion Ratio Lower Upper

248 100

250 95.9 78.9 118.3

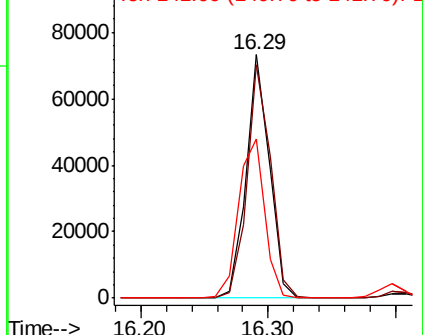
141 65.2 48.3 72.5

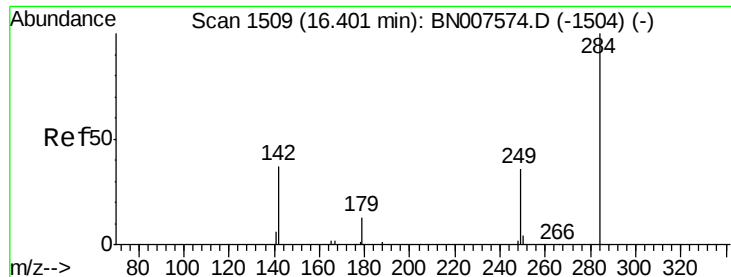


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.899 ng

RT: 16.41 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampleId :

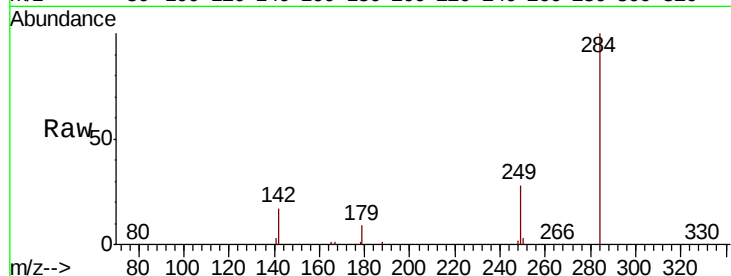
Tot Ion:284 Resp: 96070

Ion Ratio Lower Upper

284 100

142 34.4 27.9 41.9

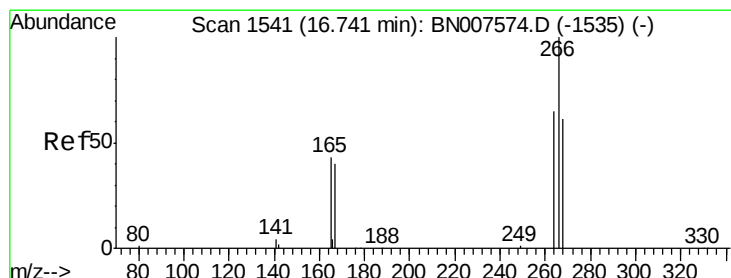
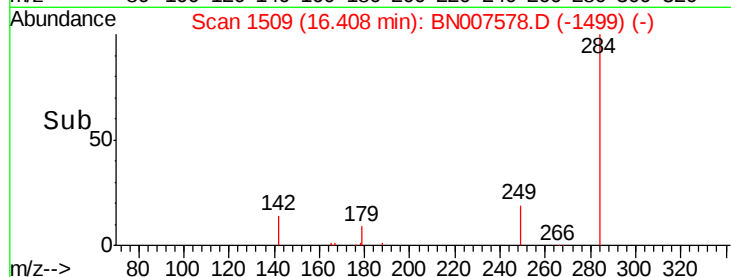
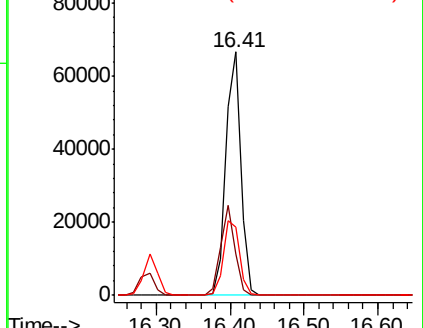
249 32.3 26.0 39.0



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: 5.392 ng

RT: 16.74 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

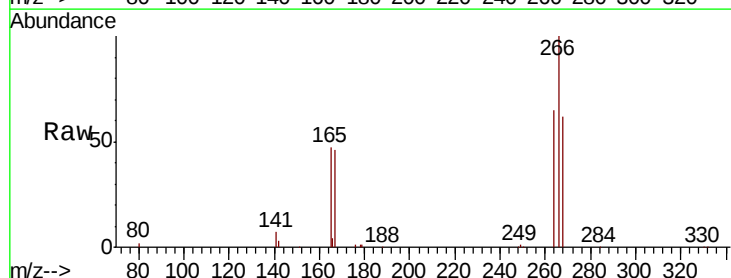
Tgt Ion:266 Resp: 32851

Ion Ratio Lower Upper

266 100

264 65.2 52.0 78.0

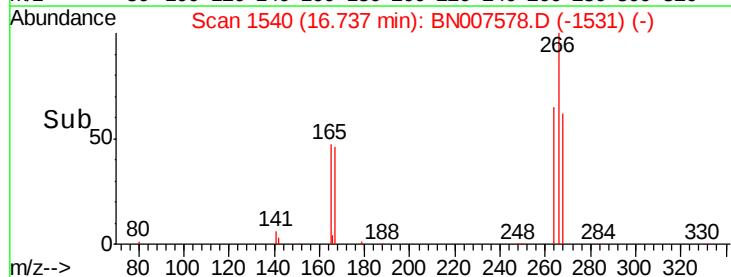
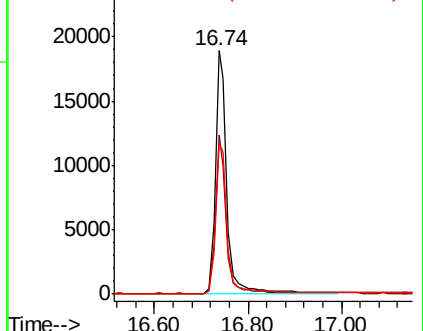
268 61.9 53.5 80.3

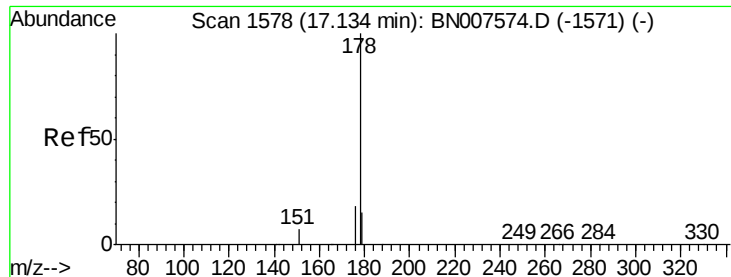


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.443 ng

RT: 17.13 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampled :

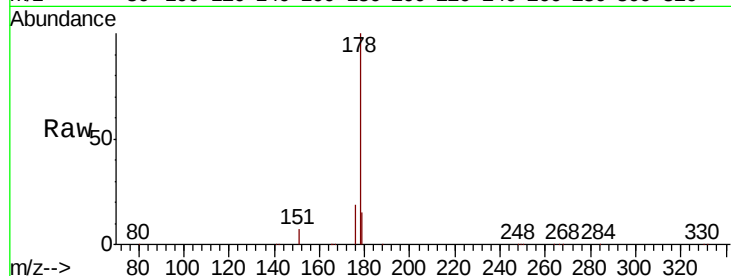
Tot Ion:178 Resp: 478963

Ion Ratio Lower Upper

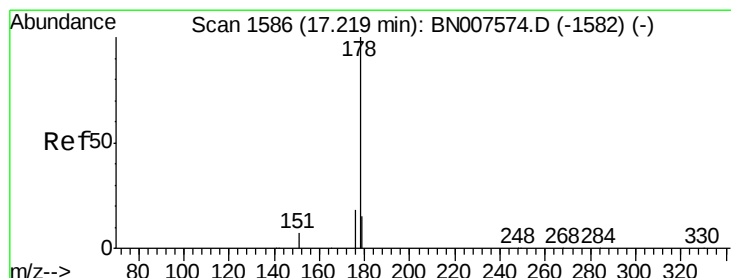
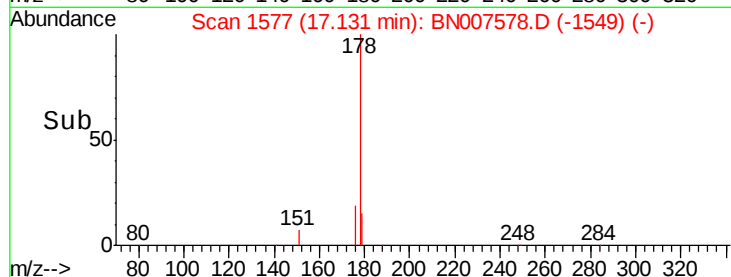
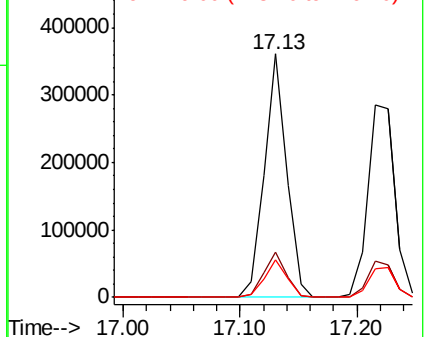
178 100

176 18.7 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: 5.152 ng

RT: 17.22 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

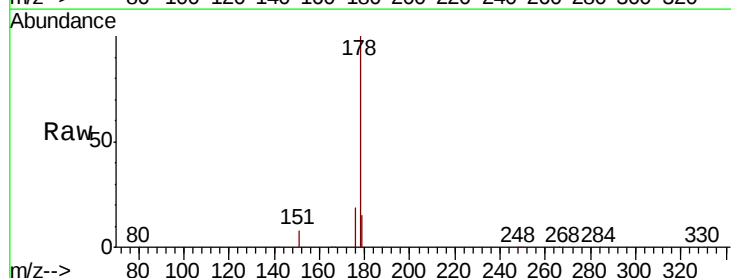
Tgt Ion:178 Resp: 455976

Ion Ratio Lower Upper

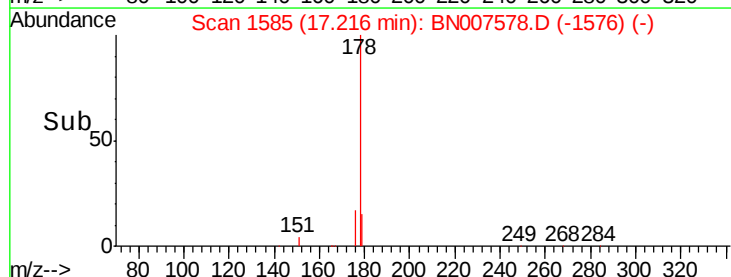
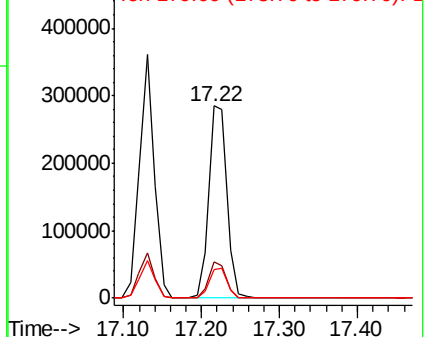
178 100

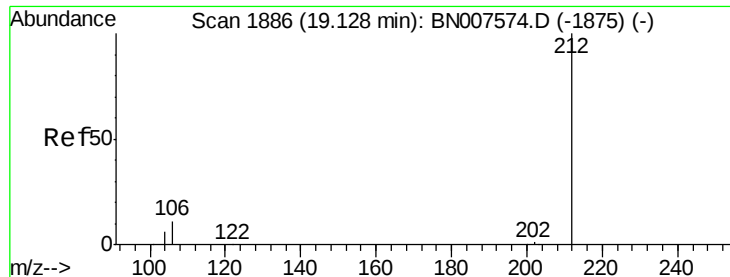
176 18.1 14.4 21.6

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

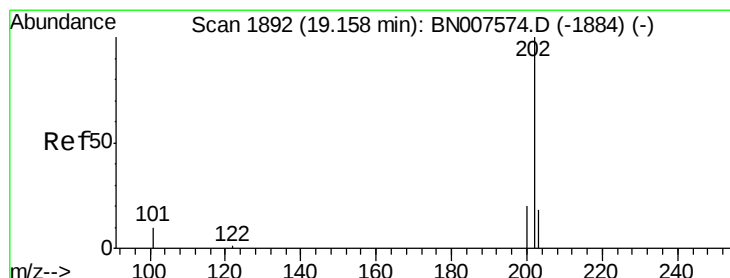
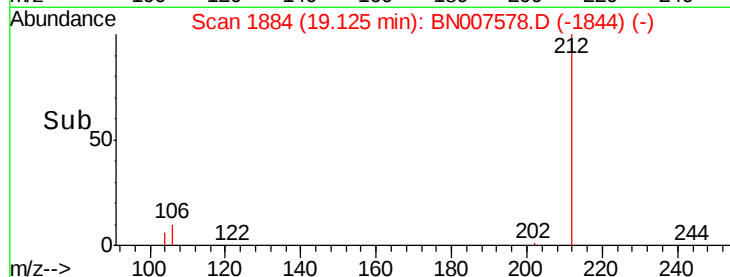
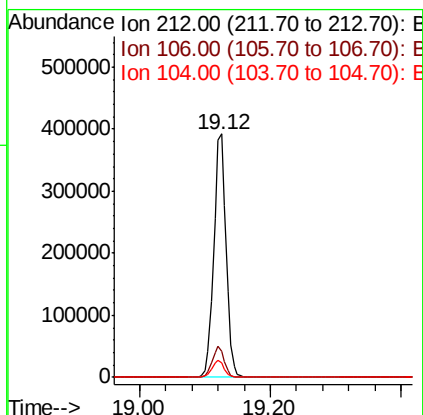
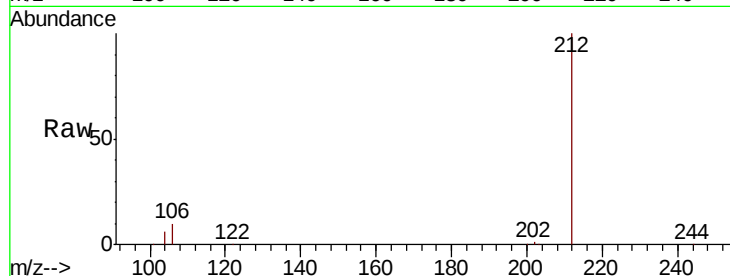




#25
 Fluoranthene-d10
 Concen: 5.411 ng
 RT: 19.12 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: BN007578.D
 Acq: 10 Sep 2019 16:05

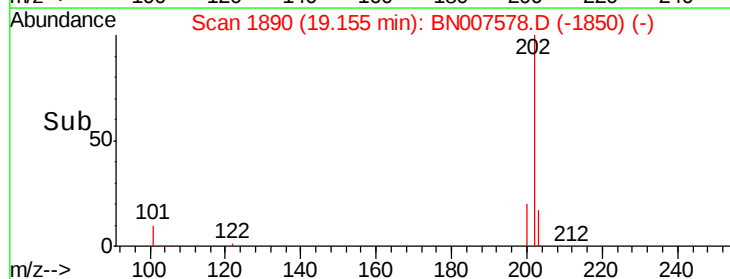
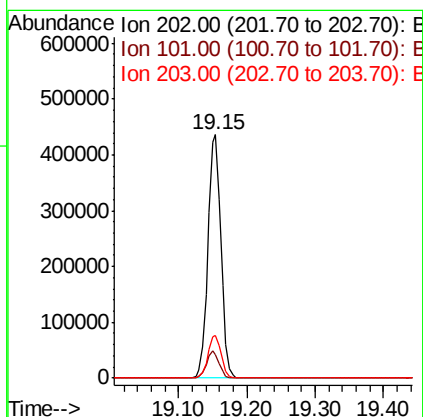
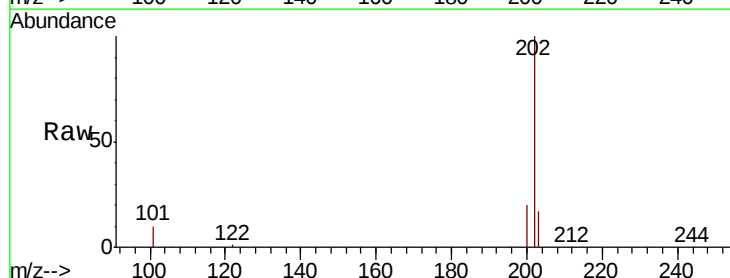
Instrument :
 BNA_N
 ClientSampleId :

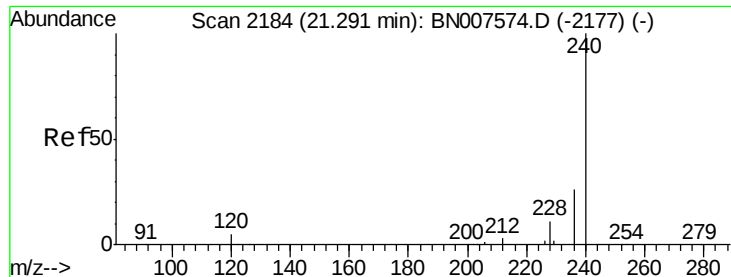
Tot Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.7	14.5
104	6.8	5.5	8.3



#26
 Fluoranthene
 Concen: 5.143 ng
 RT: 19.15 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BN007578.D
 Acq: 10 Sep 2019 16:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	17.5	13.8	20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampleId :

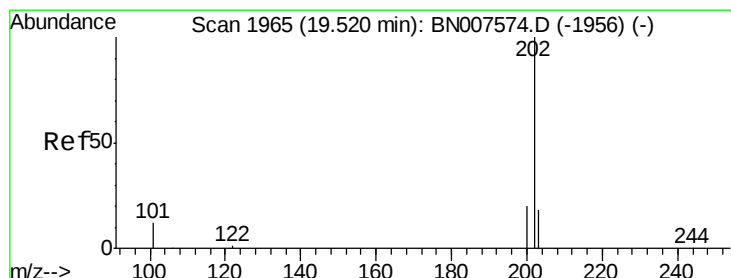
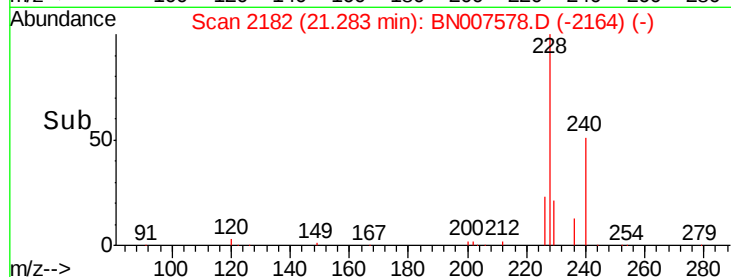
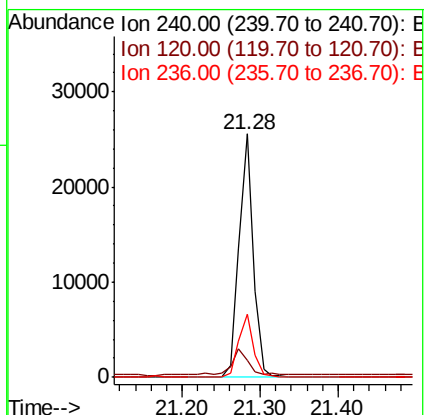
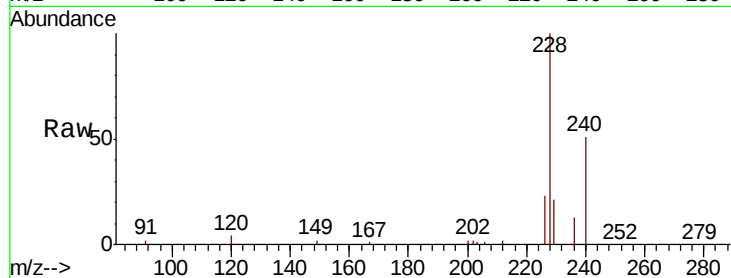
Tot Ion:240 Resp: 32106

Ion Ratio Lower Upper

240 100

120 7.2 5.0 7.4

236 26.1 20.6 31.0



#28

Pyrene

Concen: 4.543 ng

RT: 19.52 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

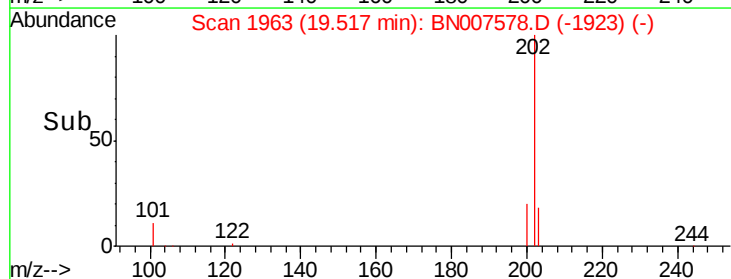
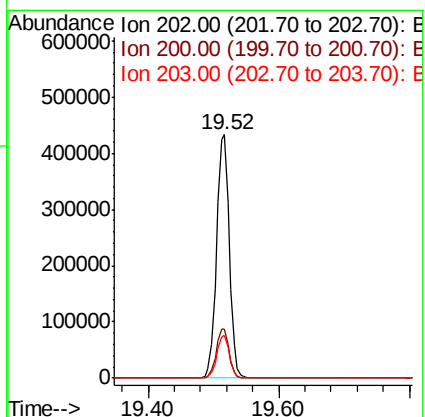
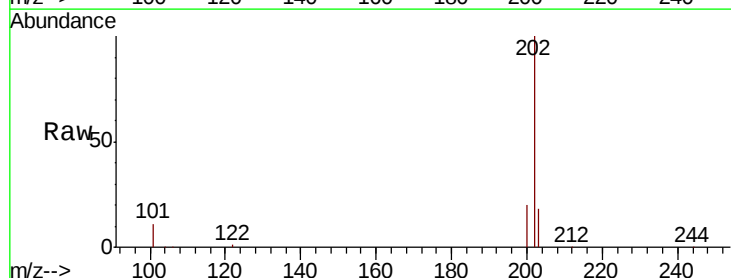
Tgt Ion:202 Resp: 586805

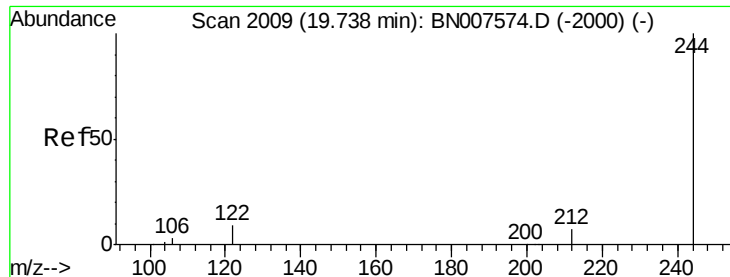
Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 5.014 ng

RT: 19.73 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampleId :

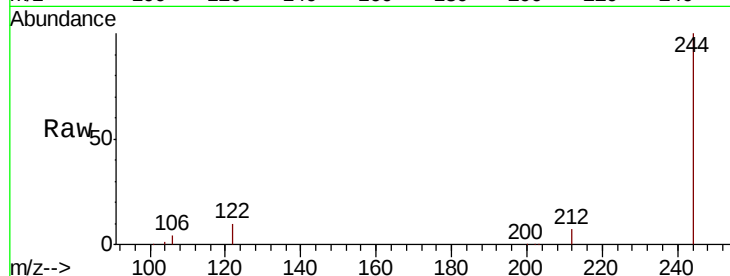
Tot Ion:244 Resp: 421305

Ion Ratio Lower Upper

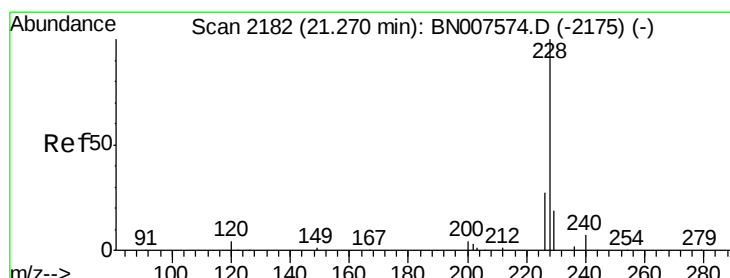
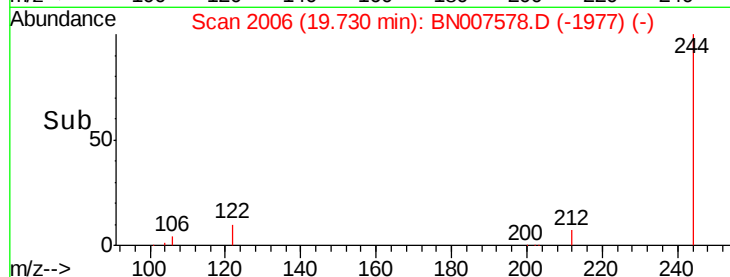
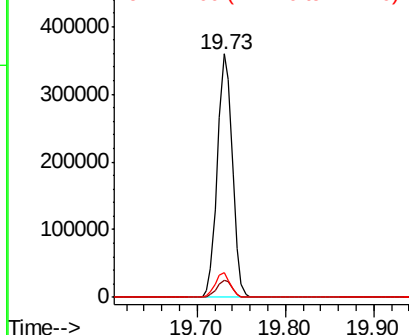
244 100

212 7.2 5.8 8.8

122 10.1 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: 4.922 ng

RT: 21.26 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

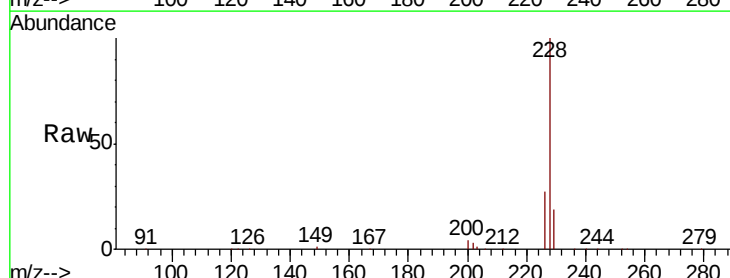
Tgt Ion:228 Resp: 620647

Ion Ratio Lower Upper

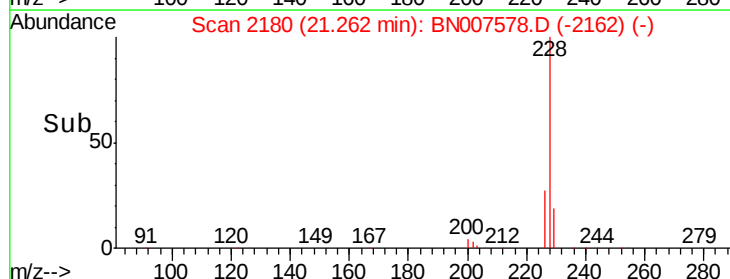
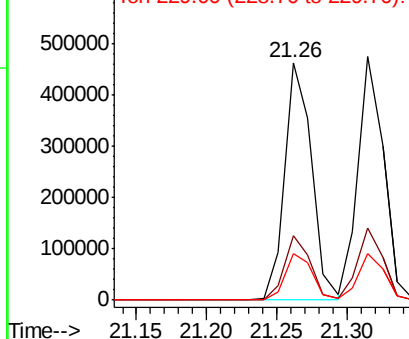
228 100

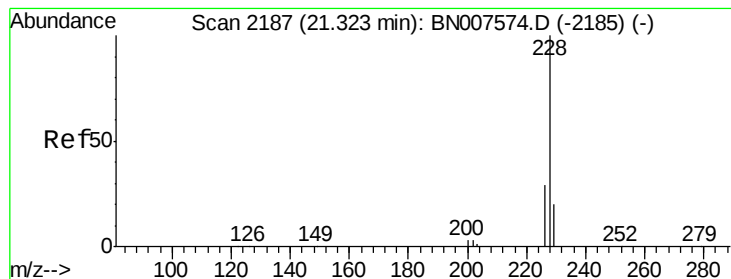
226 27.1 21.6 32.4

229 19.4 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: 4.965 ng

RT: 21.31 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

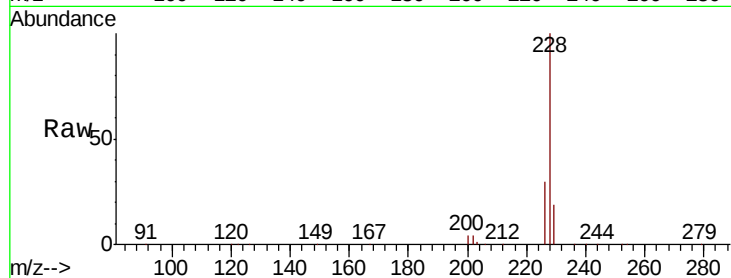
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 604262

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	19.3	15.7	23.5

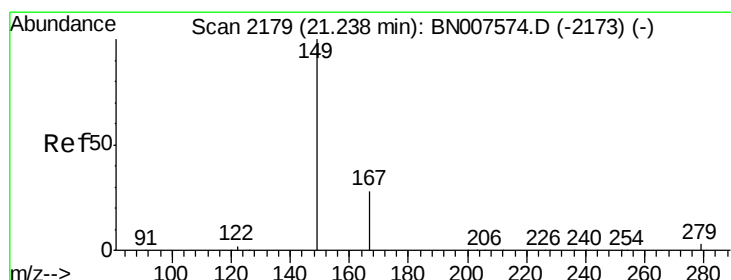
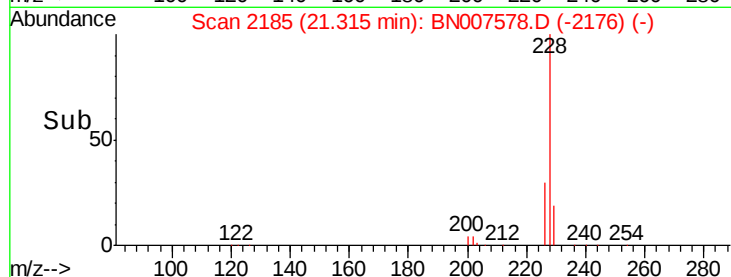
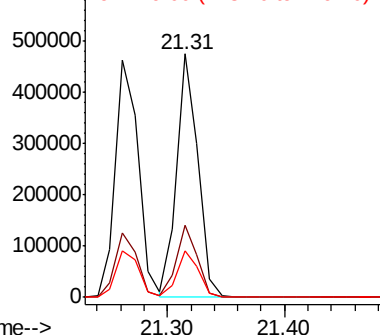


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.551 ng

RT: 21.23 min Scan# 2177

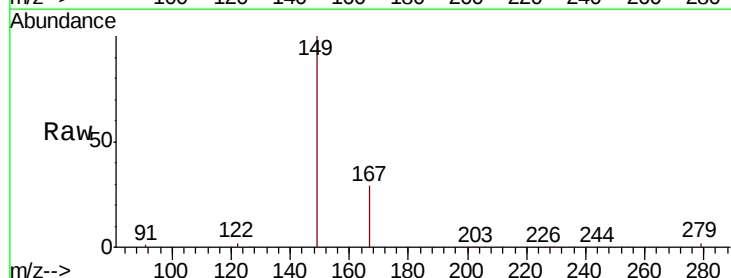
Delta R.T. -0.01 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Tgt Ion:149 Resp: 240959

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.1	33.1
279	4.8	3.9	5.9

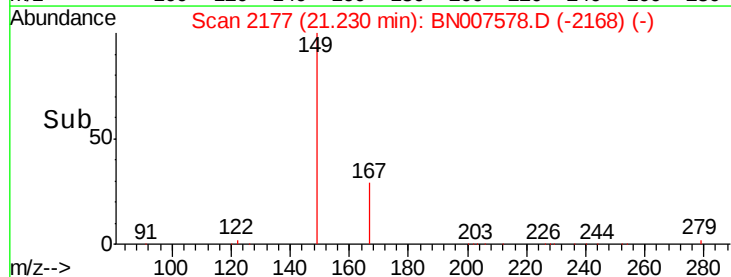
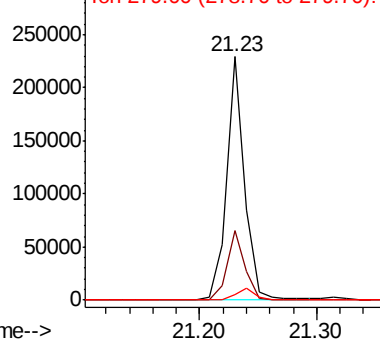


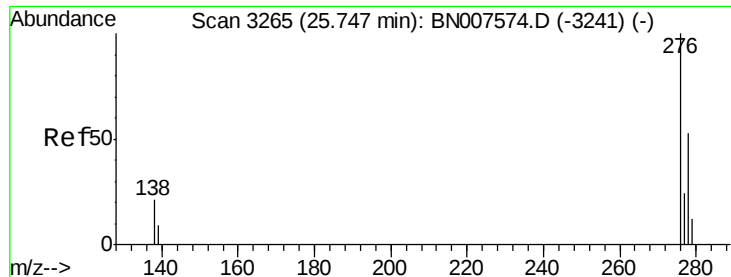
Abundance

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

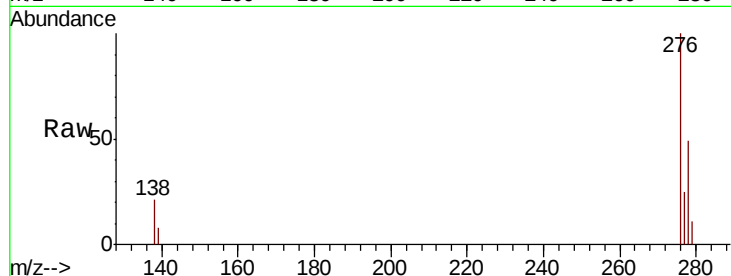




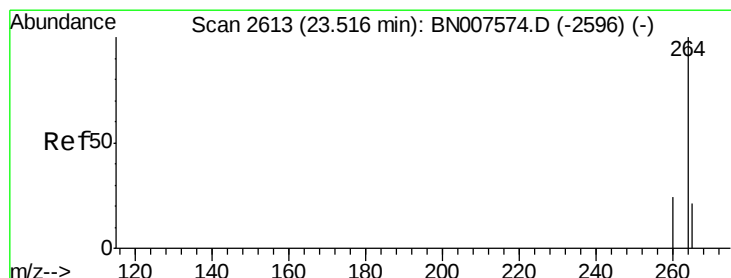
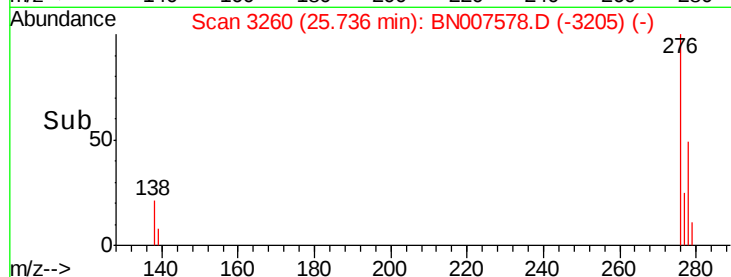
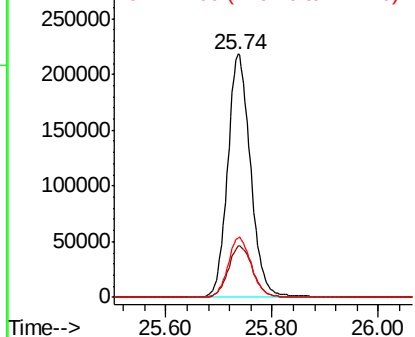
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 4.462 ng
 RT: 25.74 min Scan# 3260
 Delta R.T. -0.01 min
 Lab File: BN007578.D
 Acq: 10 Sep 2019 16:05

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 654131
 Ion Ratio Lower Upper
 276 100
 138 22.4 0.0 0.0#
 277 25.2 0.0 0.0#

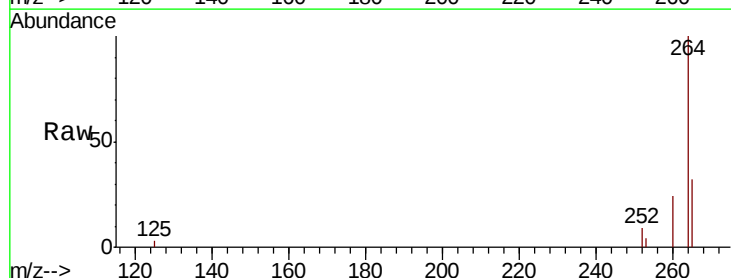


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

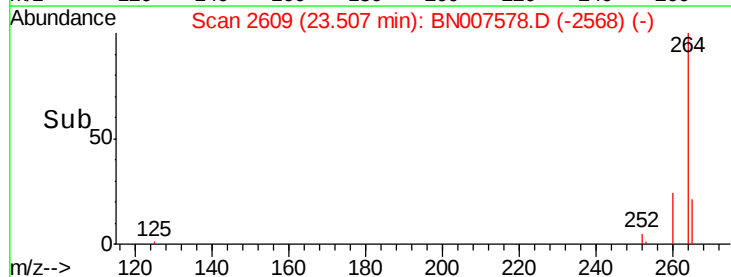
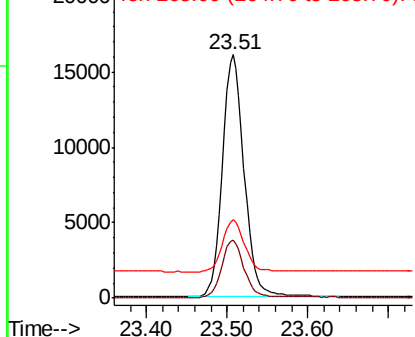


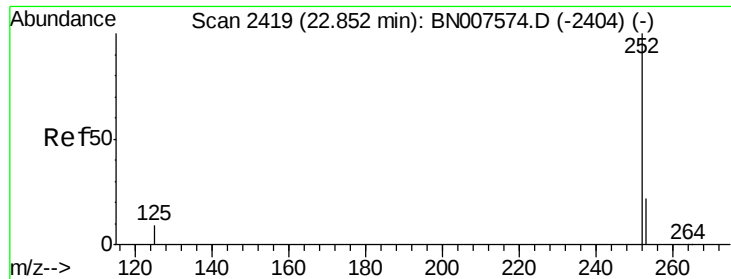
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.51 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BN007578.D
 Acq: 10 Sep 2019 16:05

Tgt Ion:264 Resp: 30200
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 32.1 25.6 38.4



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: 5.403 ng

RT: 22.84 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampleId :

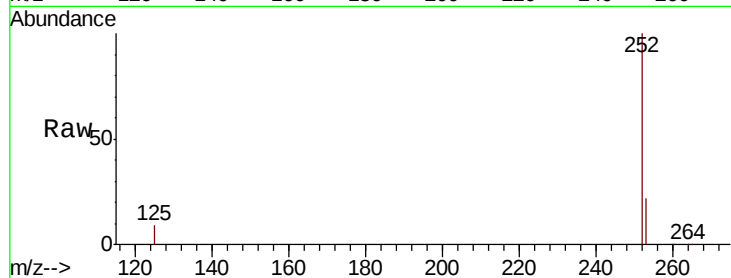
Tot Ion:252 Resp: 591185

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

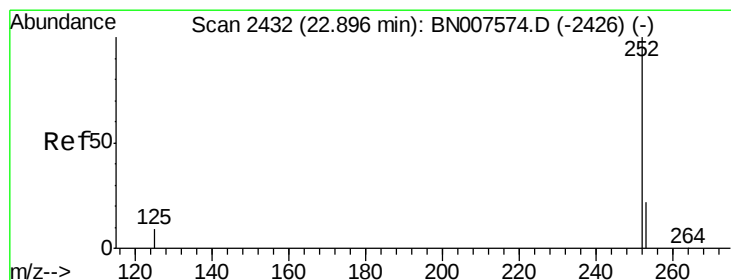
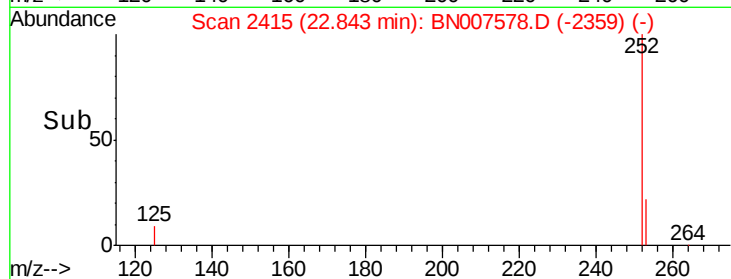
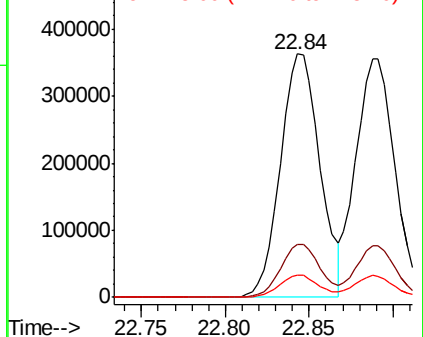
125 9.1 8.2 12.2



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: 5.386 ng

RT: 22.89 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

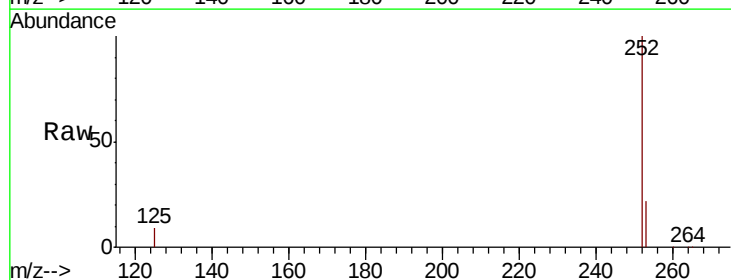
Tgt Ion:252 Resp: 582437

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

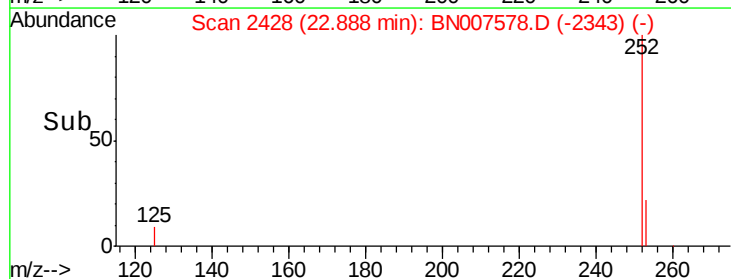
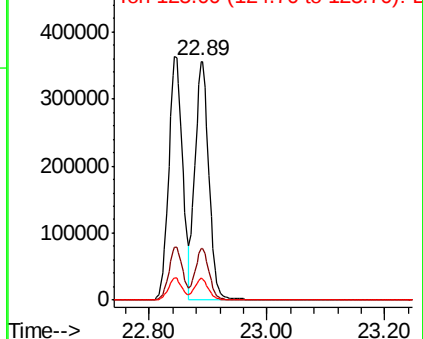
125 9.0 8.2 12.2

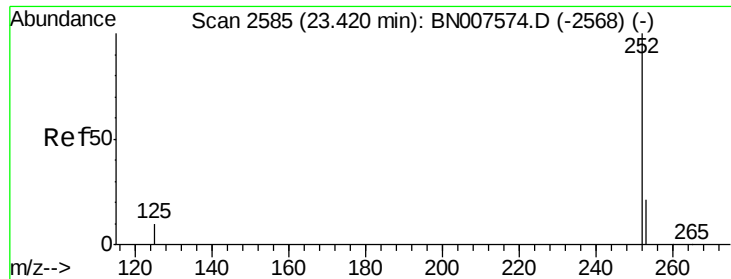


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 5.158 ng

RT: 23.41 min Scan# 2581

Delta R.T. -0.01 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampleId :

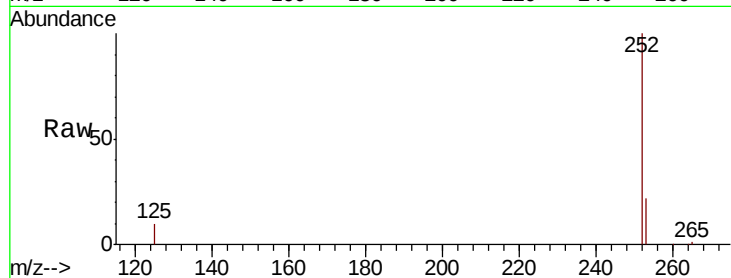
Tot Ion:252 Resp: 537130

Ion Ratio Lower Upper

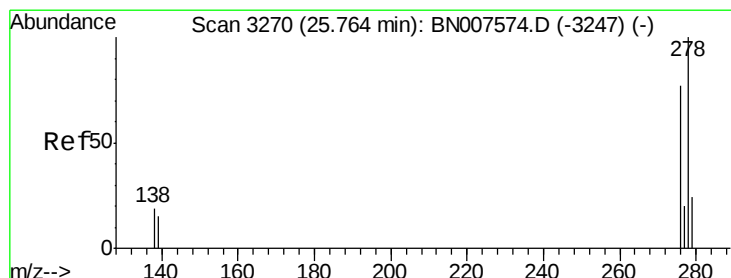
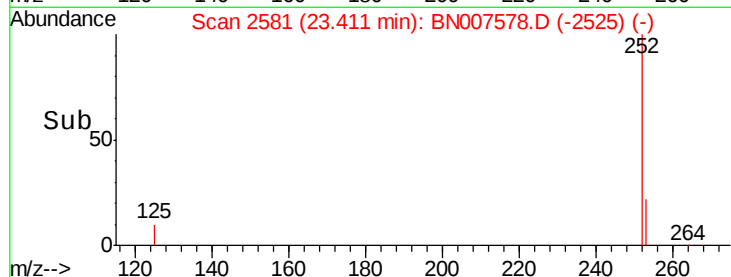
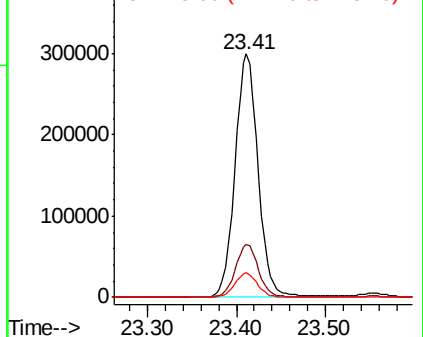
252 100

253 21.8 18.6 28.0

125 10.0 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: 5.143 ng

RT: 25.76 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

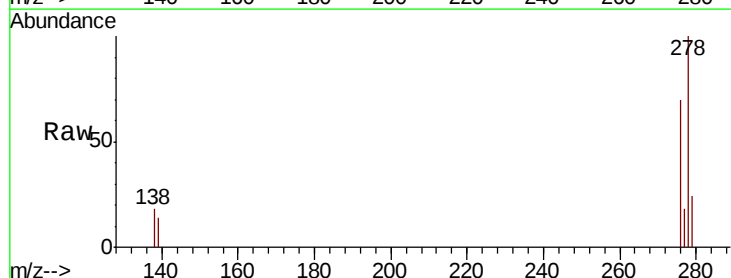
Tgt Ion:278 Resp: 534368

Ion Ratio Lower Upper

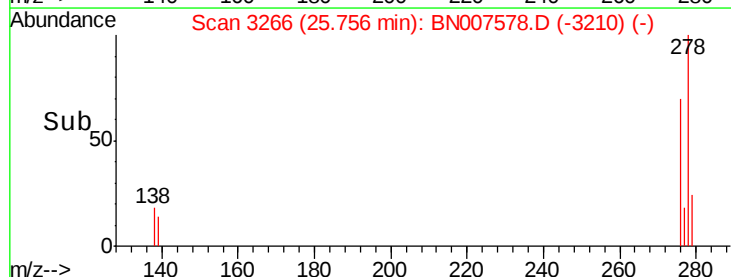
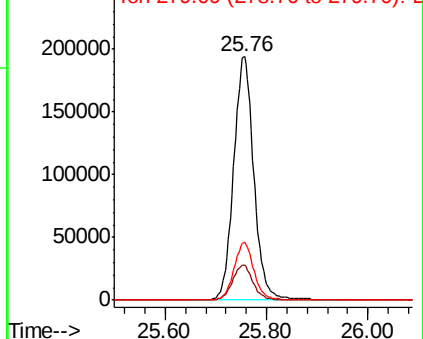
278 100

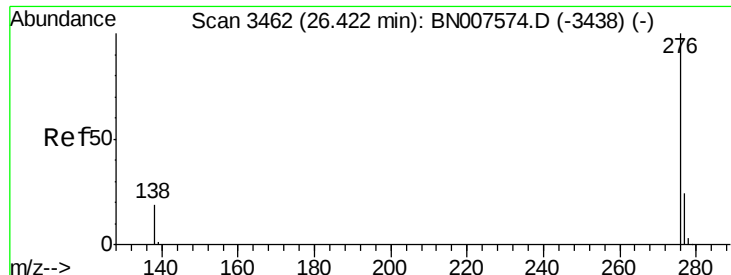
139 14.4 12.5 18.7

279 23.6 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: 5.158 ng

RT: 26.41 min Scan# 3457

Delta R.T. -0.01 min

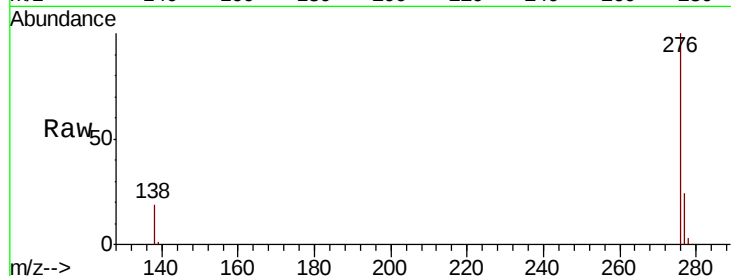
Lab File: BN007578.D

Acq: 10 Sep 2019 16:05

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 533976

Ion Ratio Lower Upper

276 100

277 23.7 19.7 29.5

138 19.4 15.9 23.9

