

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
 Data File : BN007577.D
 Acq On : 10 Sep 2019 15:29
 Operator : HP/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 10 16:24:12 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	5031	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	21494	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	12815	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	30789	0.40	ng	0.00
27) Chrysene-d12	21.28	240	33005	0.40	ng	-0.01
34) Perylene-d12	23.51	264	31363	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	46746	2.49	ng	0.00
5) Phenol-d6	6.90	99	63398	2.58	ng	0.00
8) Nitrobenzene-d5	8.86	82	44572	2.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	120992	3.39	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	16140	2.41	ng	0.00
15) 2-Fluorobiphenyl	12.98	172	169482	3.28	ng	0.00
25) Fluoranthene-d10	19.12	212	328827	3.32	ng	0.00
29) Terphenyl-d14	19.73	244	269700	3.12	ng	0.00

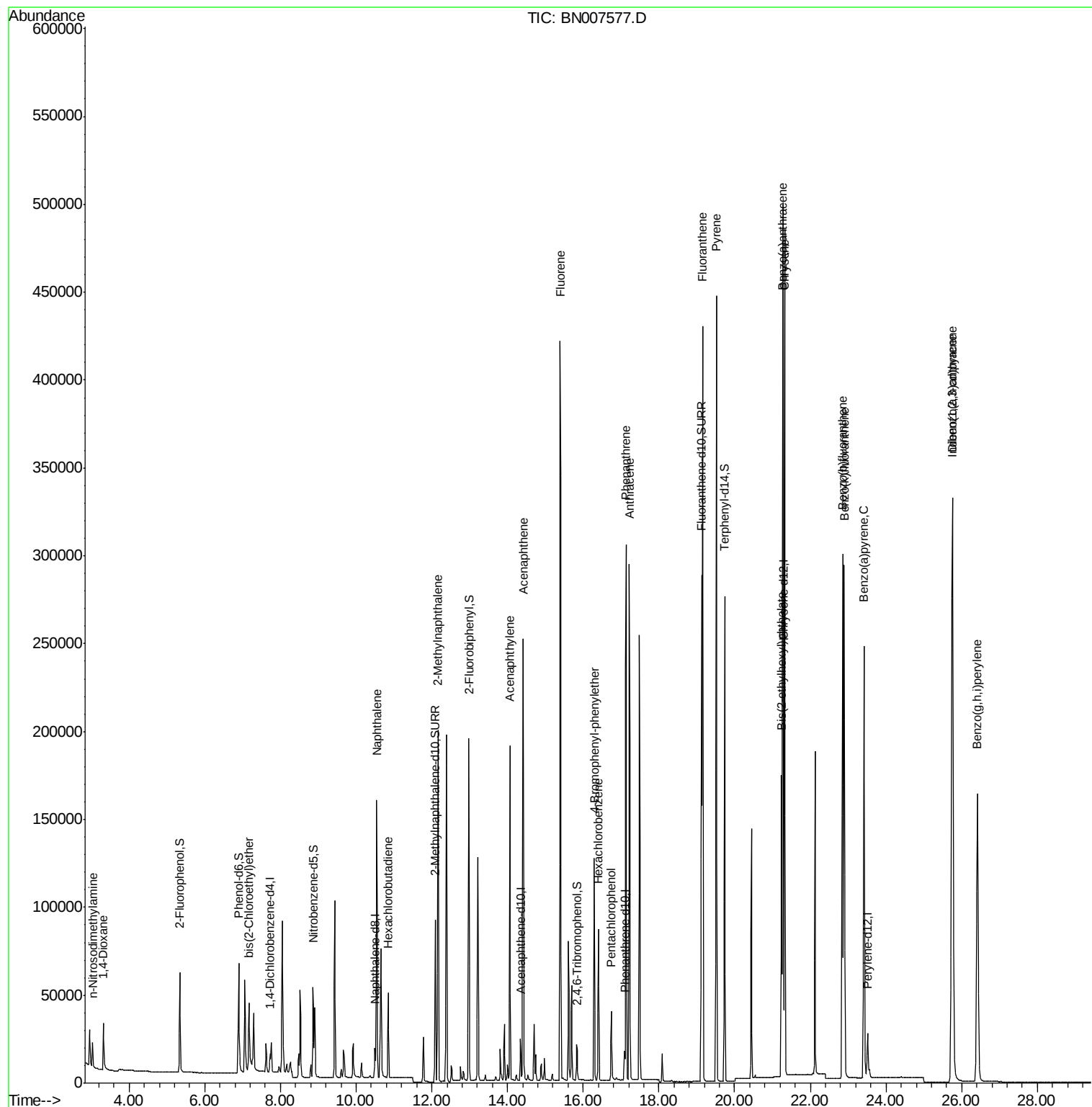
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	21076	2.521	ng	86
3) n-Nitrosodimethylamine	3.03	42	1617	0.416	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	44688	2.459	ng	# 76
9) Naphthalene	10.54	128	195012	3.175	ng	99
10) Hexachlorobutadiene	10.85	225	38227	3.038	ng	# 99
12) 2-Methylnaphthalene	12.17	142	137740	3.292	ng	98
16) Acenaphthylene	14.07	152	228803	3.018	ng	100
17) Acenaphthene	14.41	154	141924	3.199	ng	99
18) Fluorene	15.39	166	187532	3.342	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	60260	4.963	ng	95
21) Hexachlorobenzene	16.40	284	62825	3.044	ng	100
22) Pentachlorophenol	16.74	266	19579	3.053	ng	97
23) Phenanthrene	17.13	178	310410	3.352	ng	100
24) Anthracene	17.22	178	292754	3.143	ng	100
26) Fluoranthene	19.15	202	377747	3.177	ng	100
28) Pyrene	19.52	202	378581	2.851	ng	100
30) Benzo(a)anthracene	21.27	228	385512	2.974	ng	99
31) Chrysene	21.32	228	389829	3.116	ng	100
32) Bis(2-ethylhexyl)phthalate	21.24	149	135991	1.400	ng	98
33) Indeno(1,2,3-cd)pyrene	25.74	276	406740	2.699	ng	# 100
35) Benzo(b)fluoranthene	22.85	252	369612	3.253	ng	97
36) Benzo(k)fluoranthene	22.90	252	369700	3.292	ng	98
37) Benzo(a)pyrene	23.42	252	334181	3.090	ng	97
38) Dibenzo(a,h)anthracene	25.76	278	333468	3.091	ng	97
39) Benzo(g,h,i)perylene	26.41	276	332633	3.094	ng	98

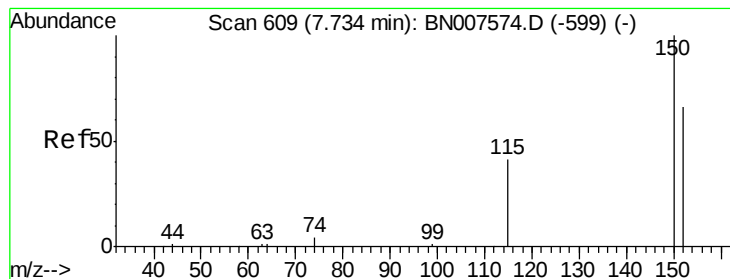
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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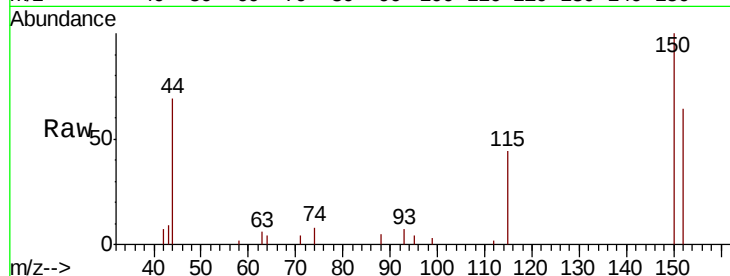




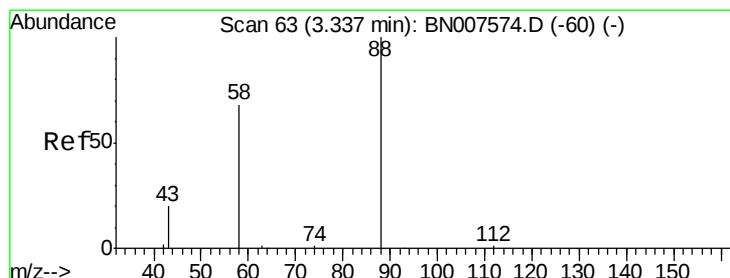
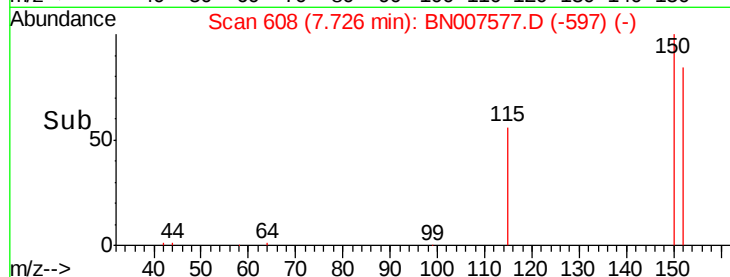
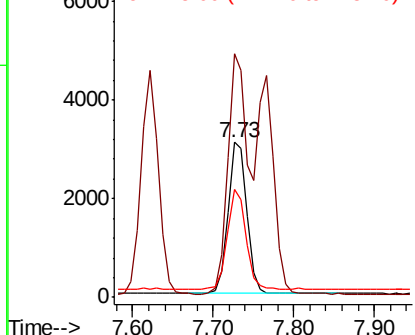
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.73 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BN007577.D
 Acq: 10 Sep 2019 15:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 5031
 Ion Ratio Lower Upper
 152 100
 150 156.8 119.5 179.3
 115 69.7 53.0 79.6

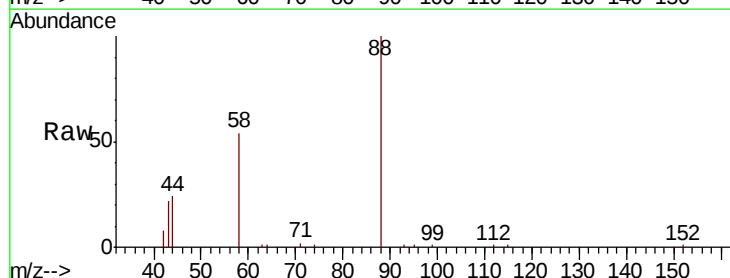


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

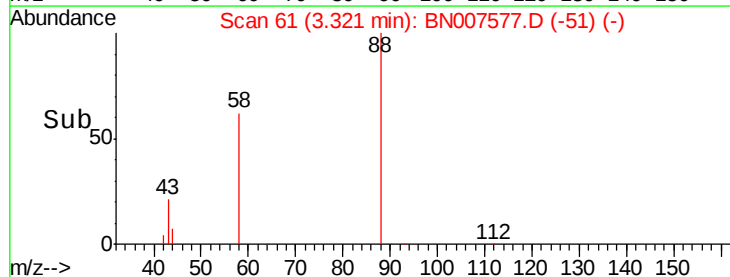
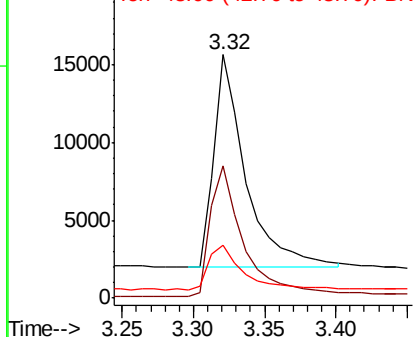


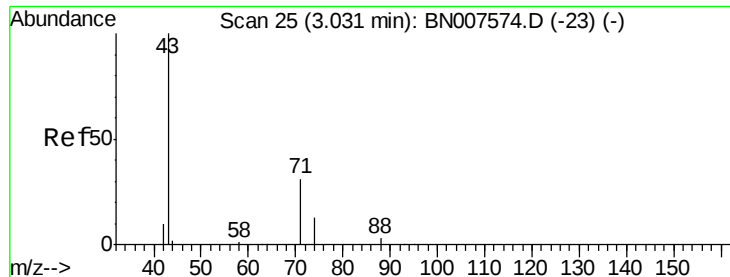
#2
 1,4-Dioxane
 Concen: 2.521 ng
 RT: 3.32 min Scan# 61
 Delta R.T. -0.02 min
 Lab File: BN007577.D
 Acq: 10 Sep 2019 15:29

Tgt Ion: 88 Resp: 21076
 Ion Ratio Lower Upper
 88 100
 58 65.4 64.6 96.8
 43 22.7 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: 0.416 ng

RT: 3.03 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

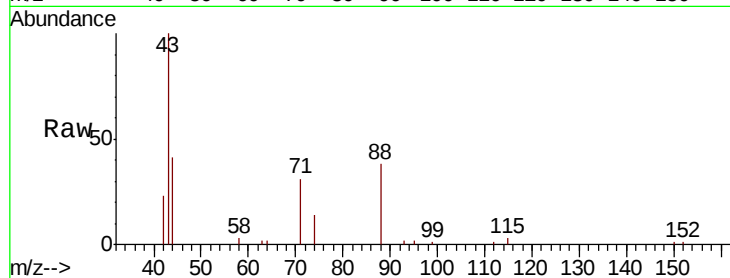
Tot Ion: 42 Resp: 1617

Ion Ratio Lower Upper

42 100

74 106.3 0.0 0.0#

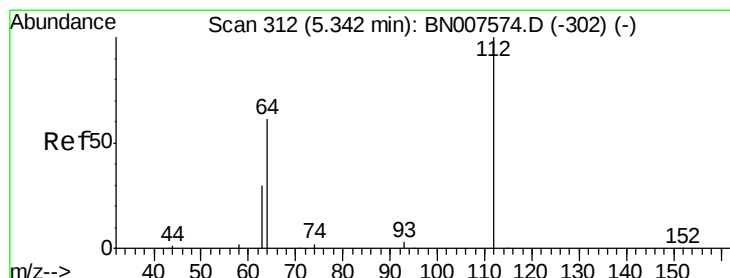
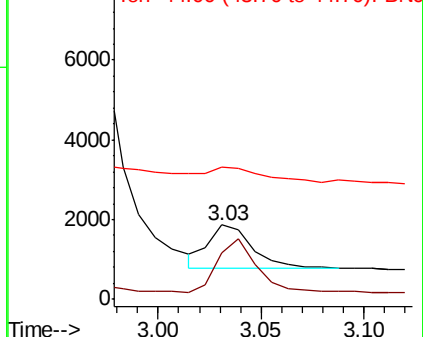
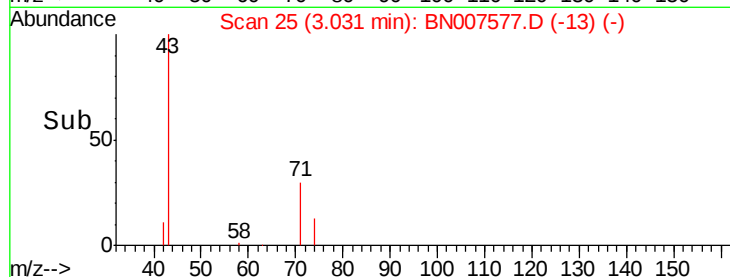
44 34.0 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 2.494 ng

RT: 5.34 min Scan# 312

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

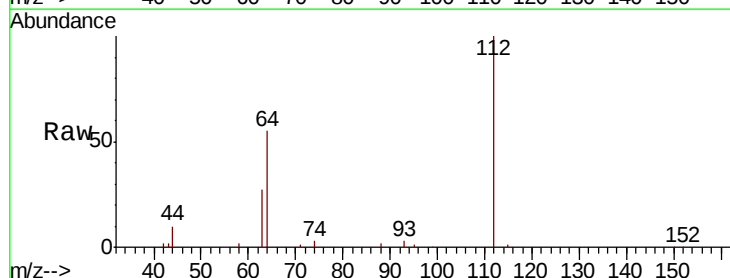
Tgt Ion: 112 Resp: 46746

Ion Ratio Lower Upper

112 100

64 60.8 49.2 73.8

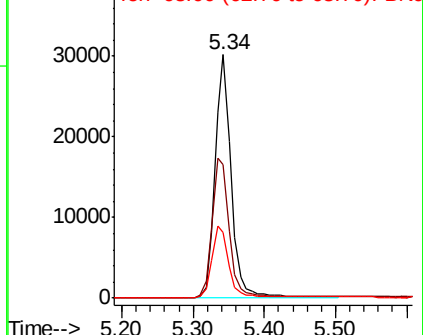
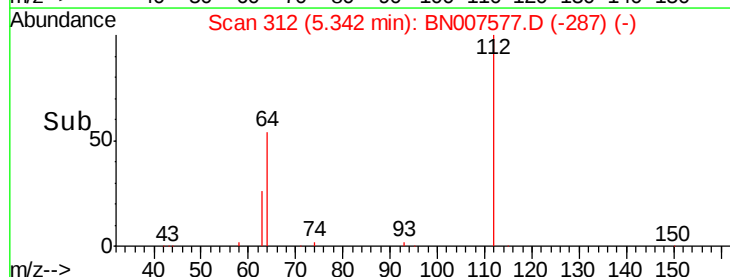
63 30.3 26.0 39.0

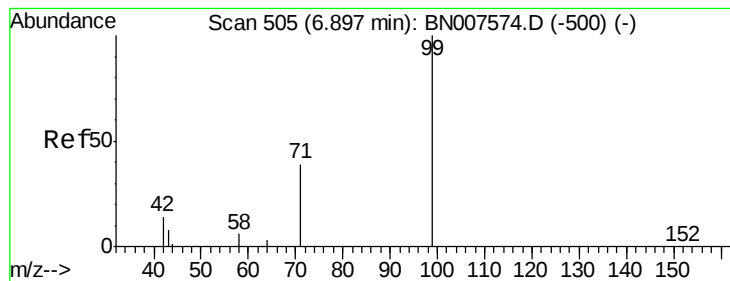


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 2.581 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

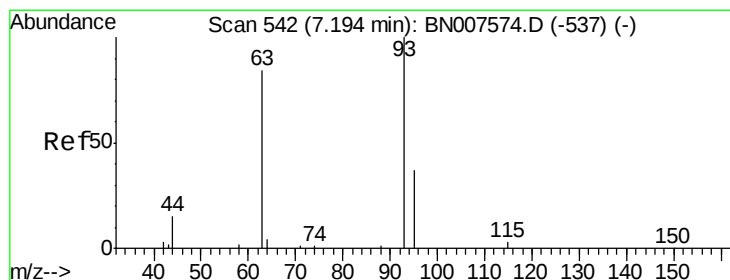
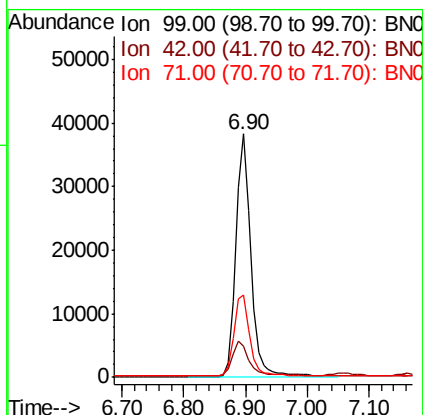
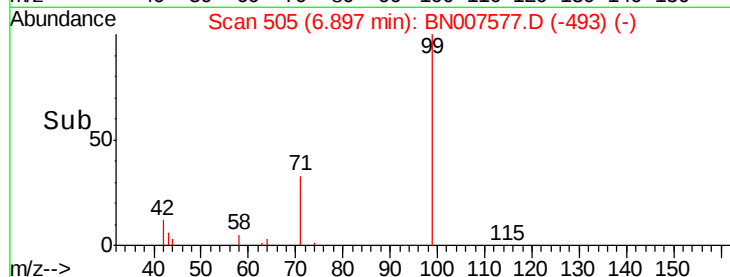
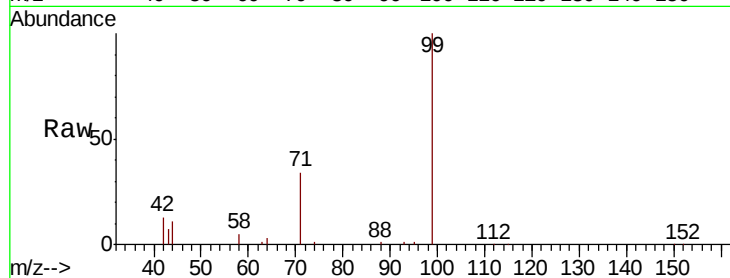
Tot Ion: 99 Resp: 63398

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

71 35.5 28.8 43.2



#6

bis(2-Chloroethyl)ether

Concen: 2.459 ng

RT: 7.17 min Scan# 539

Delta R.T. -0.02 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

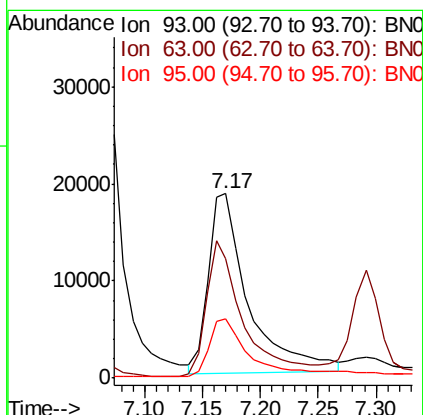
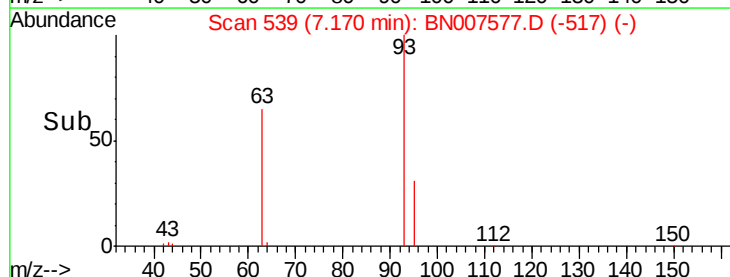
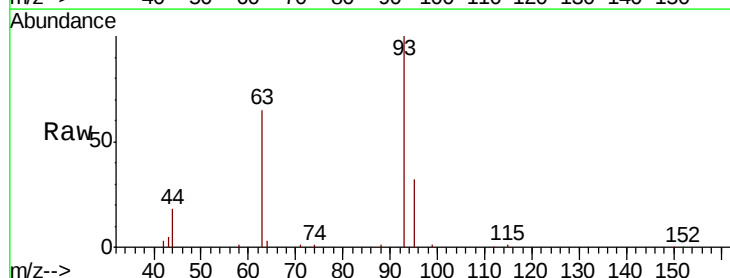
Tgt Ion: 93 Resp: 44688

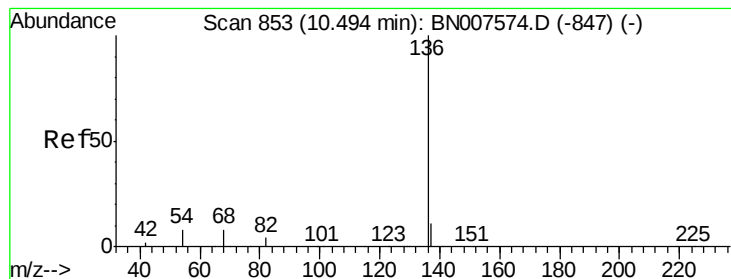
Ion Ratio Lower Upper

93 100

63 69.1 69.8 104.6#

95 31.1 42.8 64.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 21494

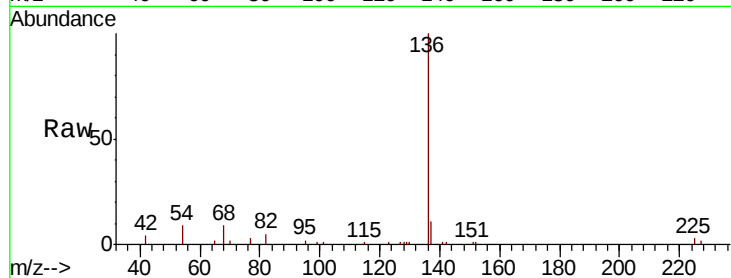
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.5 7.5 11.3

68 9.0 7.9 11.9

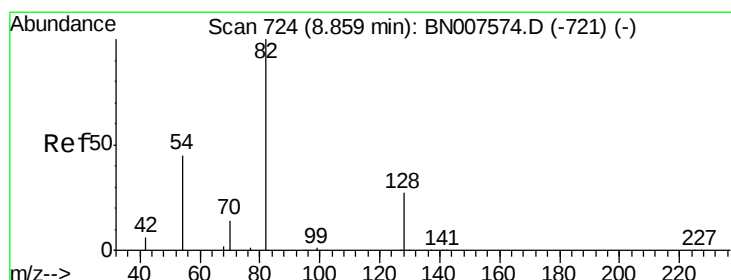
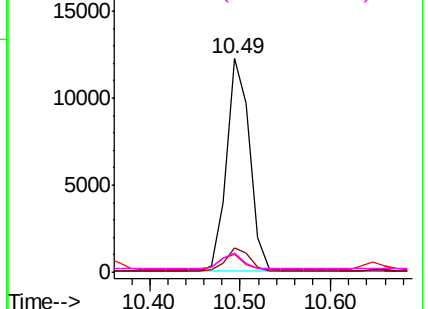
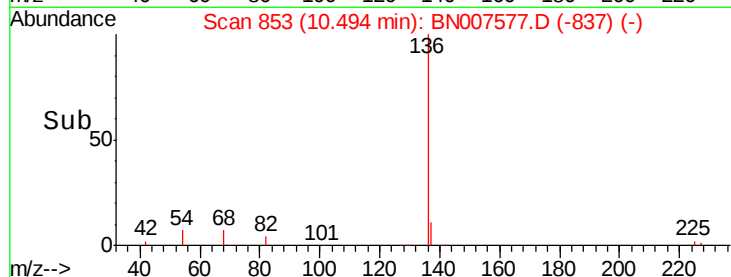


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.383 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

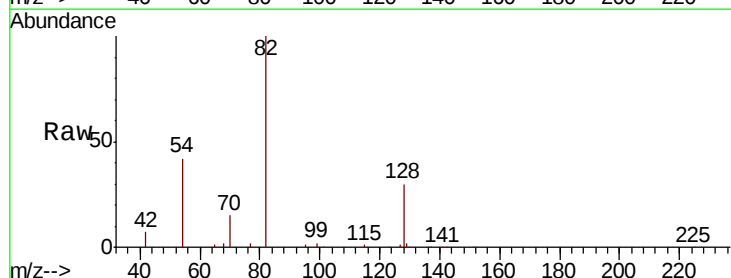
Tgt Ion: 82 Resp: 44572

Ion Ratio Lower Upper

82 100

128 30.3 23.4 35.2

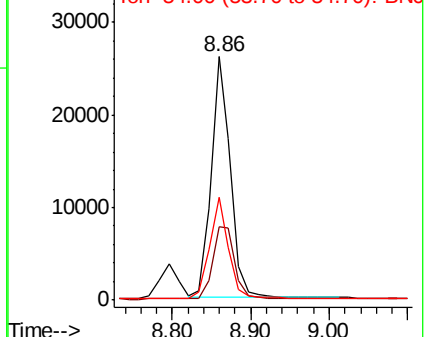
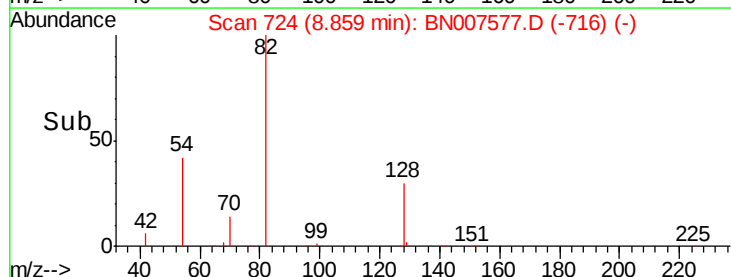
54 42.1 38.2 57.2

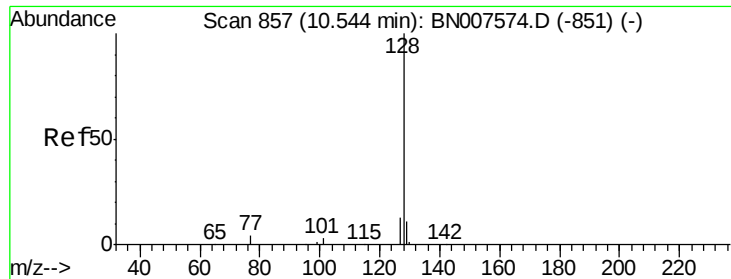


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.175 ng

RT: 10.54 min Scan# 857

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

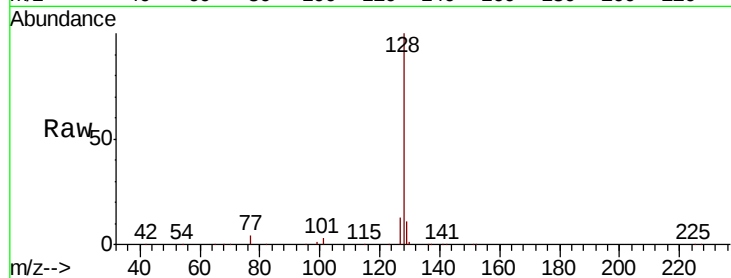
Tot Ion:128 Resp: 195012

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

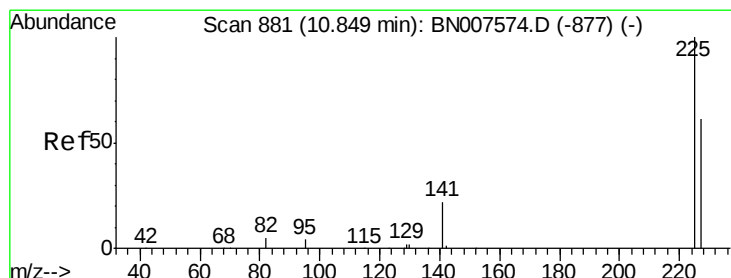
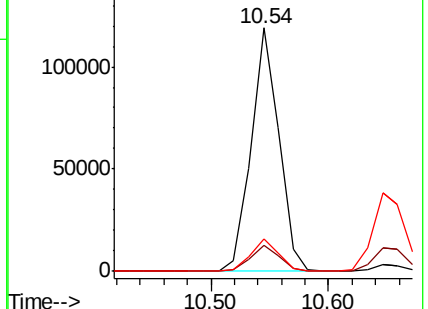
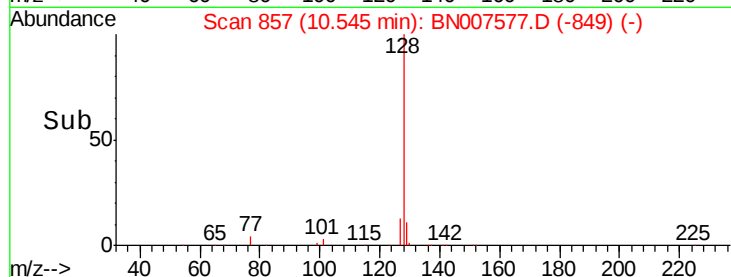
127 13.2 11.0 16.4



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: 3.038 ng

RT: 10.85 min Scan# 881

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

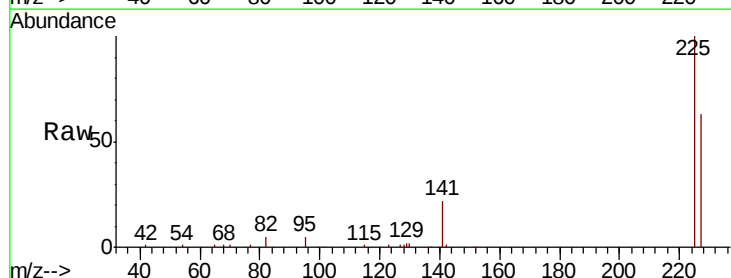
Tgt Ion:225 Resp: 38227

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

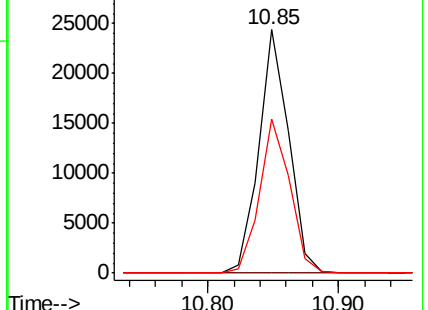
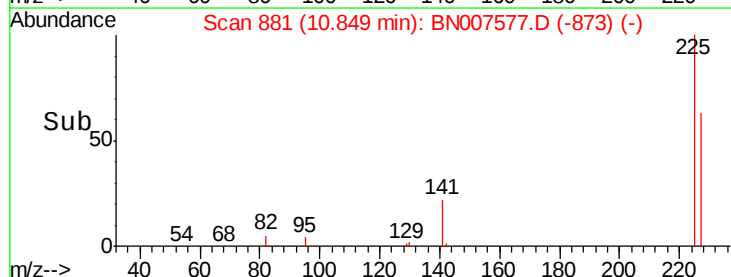
227 64.0 50.4 75.6

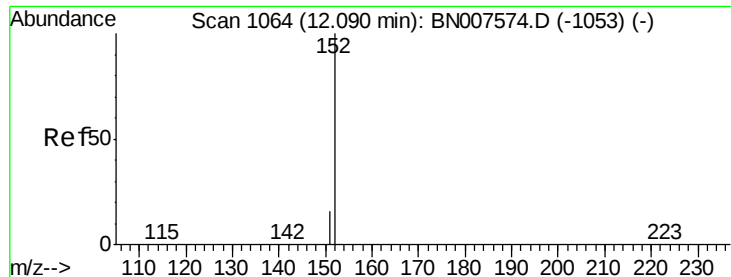


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

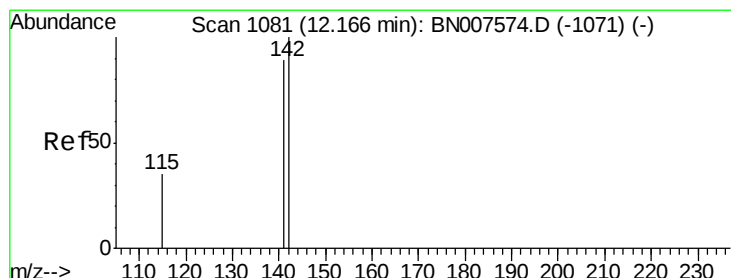
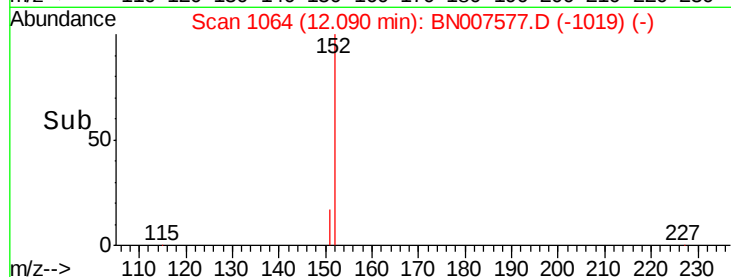
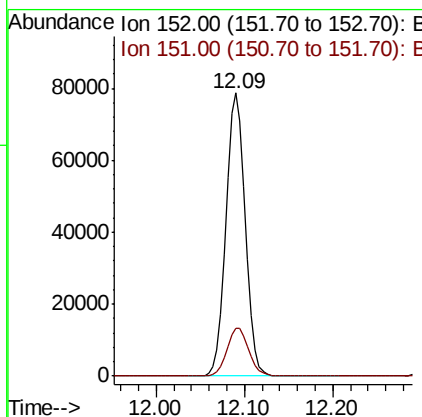
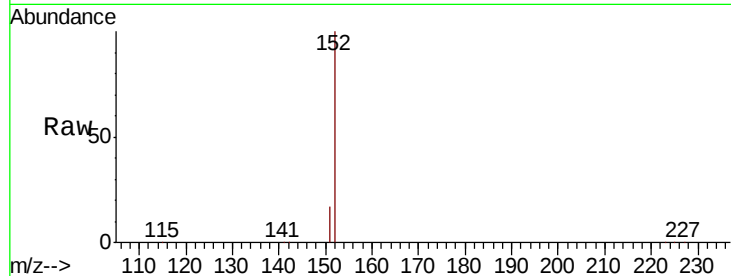




#11
 2-Methylnaphthalene-d10
 Concen: 3.387 ng
 RT: 12.09 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BN007577.D
 Acq: 10 Sep 2019 15:29

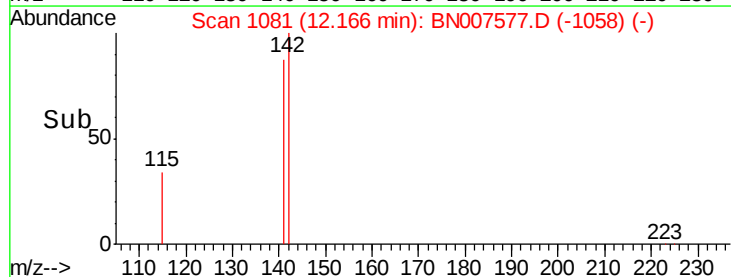
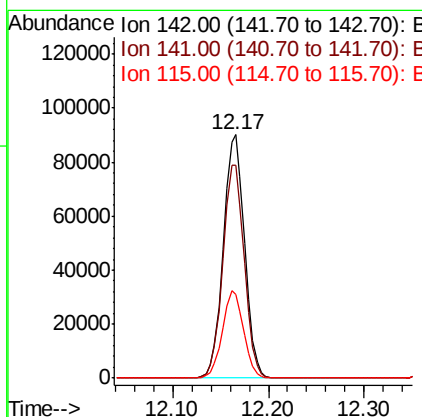
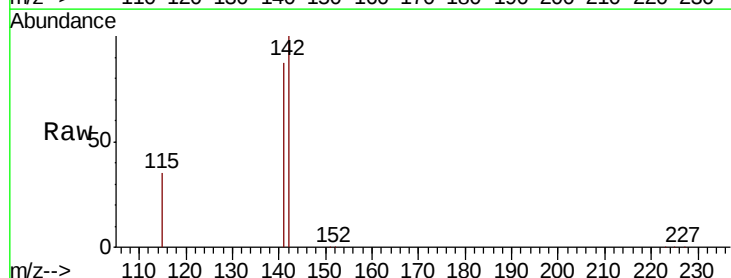
Instrument :
 BNA_N
 ClientSampleId :

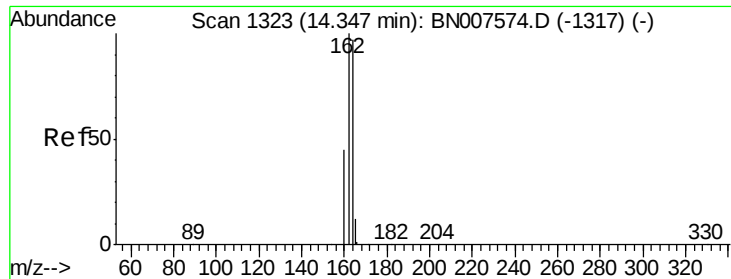
Tot Ion:152 Resp: 120992
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 3.292 ng
 RT: 12.17 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BN007577.D
 Acq: 10 Sep 2019 15:29

Tgt Ion:142 Resp: 137740
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.0 106.6
 115 34.6 29.1 43.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.35 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

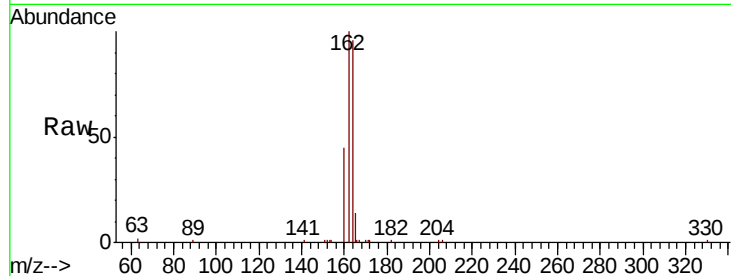
Tot Ion:164 Resp: 12815

Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.2

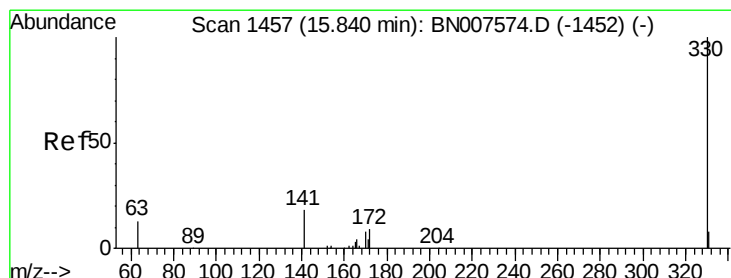
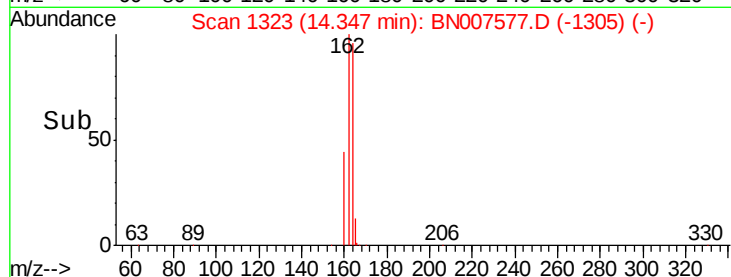
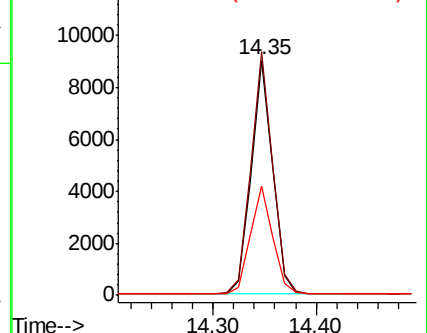
160 46.5 37.4 56.0



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: 2.408 ng

RT: 15.84 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

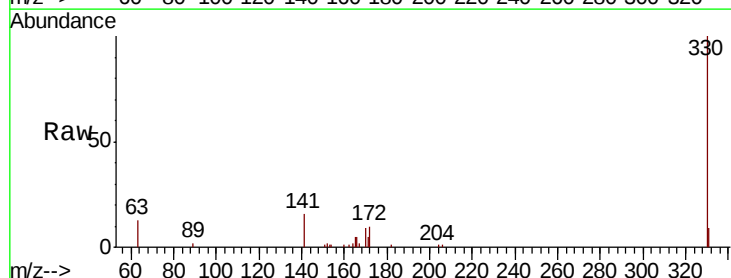
Tgt Ion:330 Resp: 16140

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

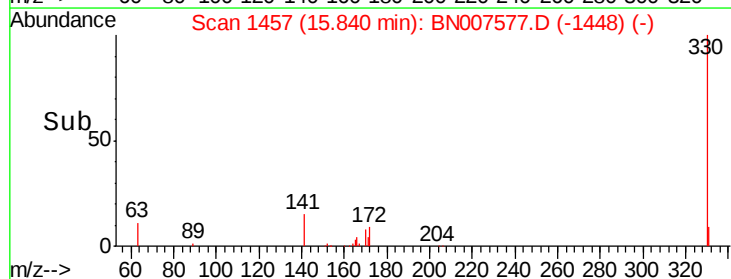
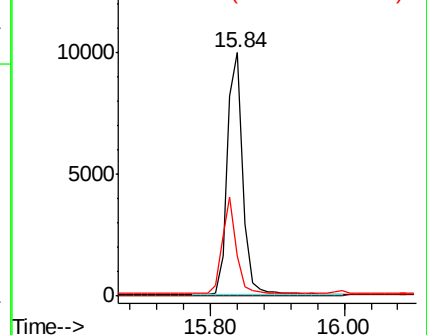
141 36.9 30.6 45.8

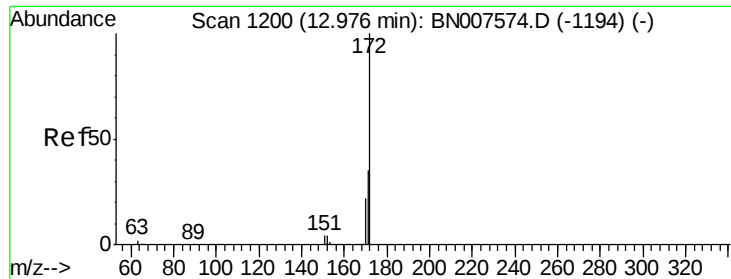


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

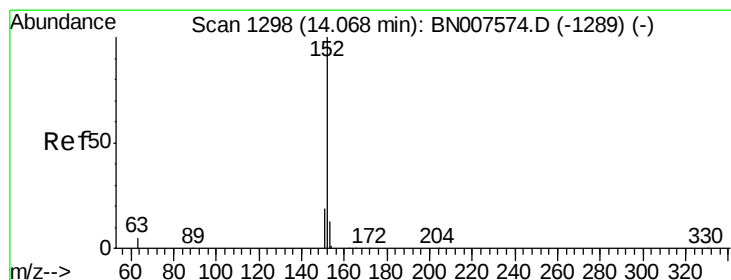
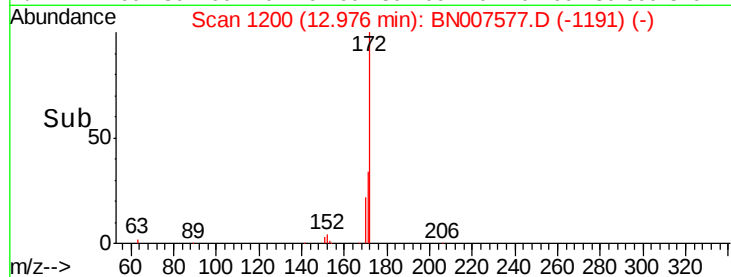
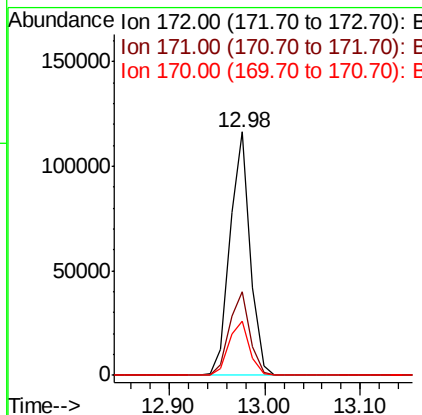
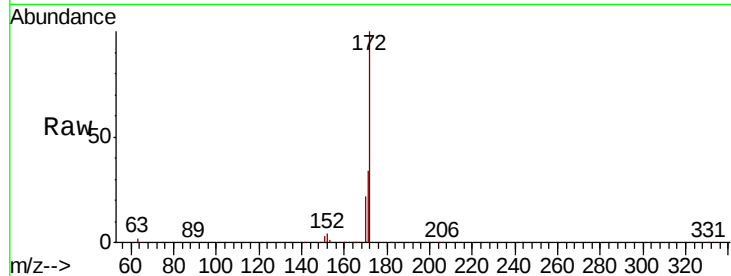




#15
2-Fluorobiphenyl
Concen: 3.280 ng
RT: 12.98 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BN007577.D
Acq: 10 Sep 2019 15:29

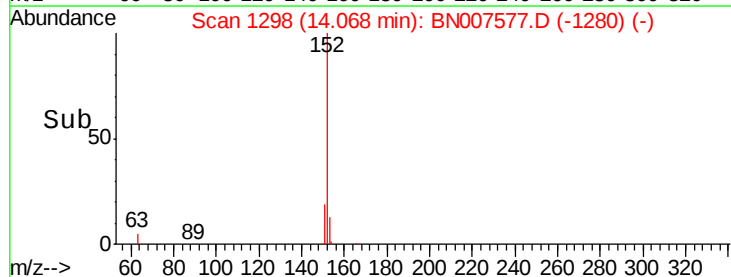
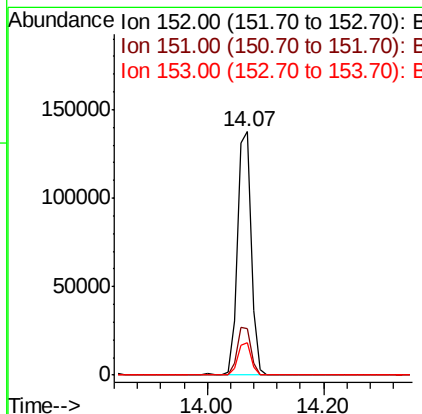
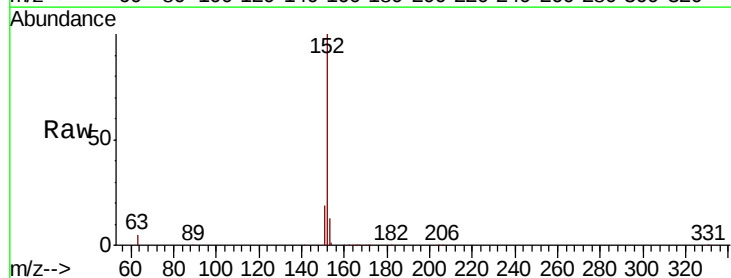
Instrument :
BNA_N
ClientSampleId :

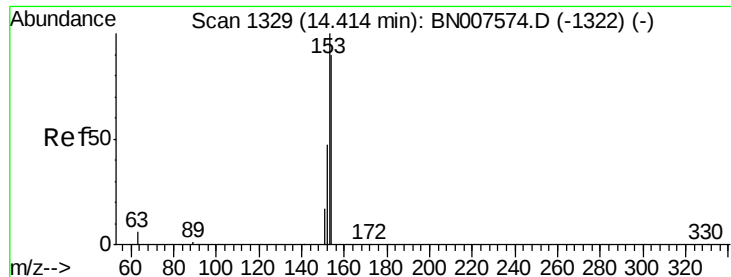
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	22.1	18.3	27.5



#16
Acenaphthylene
Concen: 3.018 ng
RT: 14.07 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BN007577.D
Acq: 10 Sep 2019 15:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 3.199 ng

RT: 14.41 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

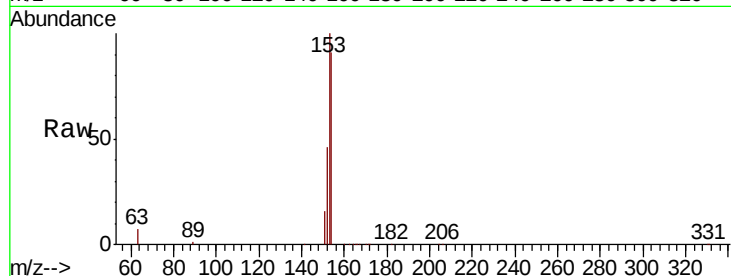
Tot Ion:154 Resp: 141924

Ion Ratio Lower Upper

154 100

153 110.8 89.4 134.2

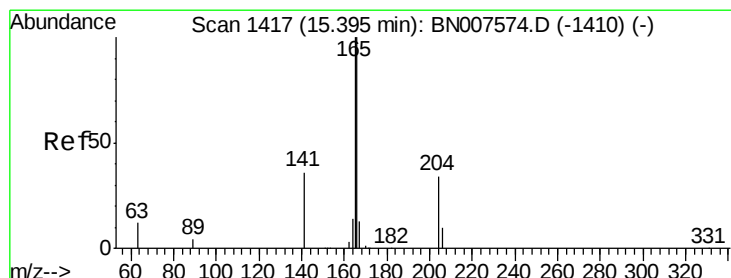
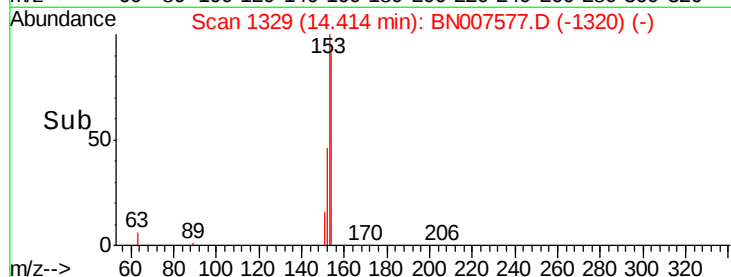
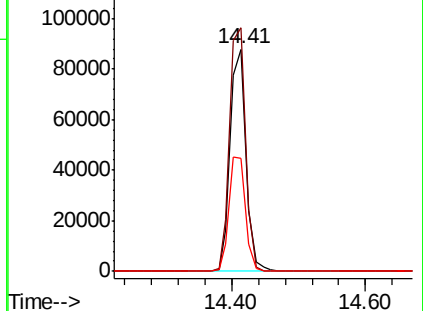
152 53.5 43.4 65.0



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: 3.342 ng

RT: 15.39 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

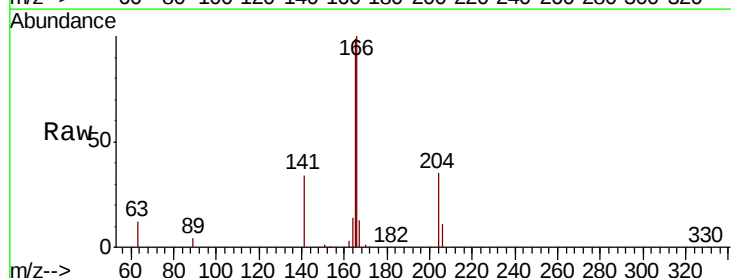
Tgt Ion:166 Resp: 187532

Ion Ratio Lower Upper

166 100

165 97.5 77.8 116.6

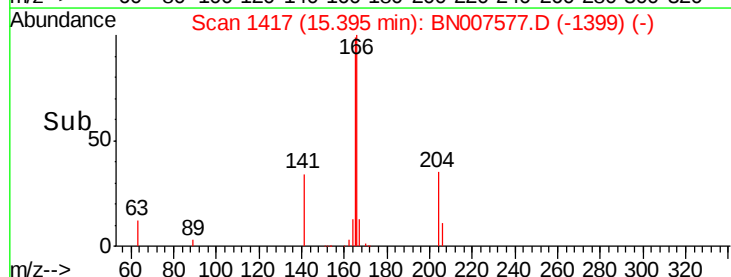
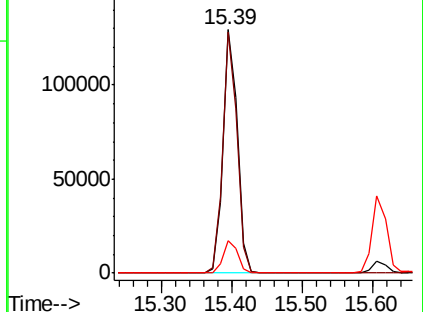
167 13.5 11.0 16.4

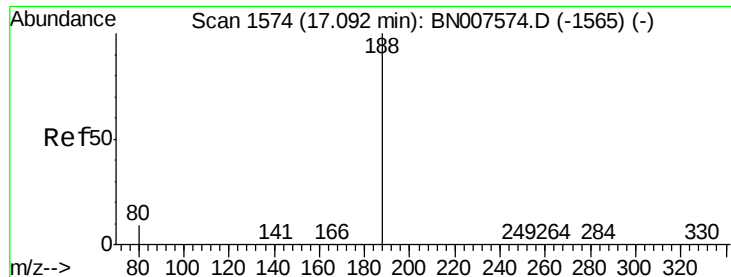


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1574

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

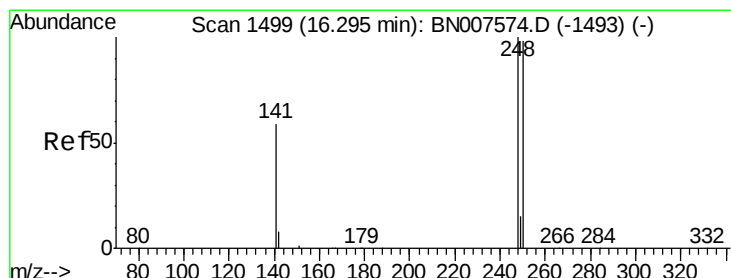
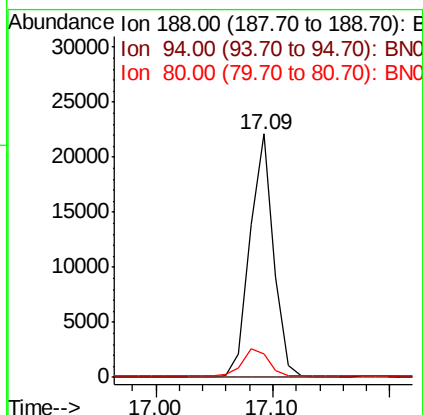
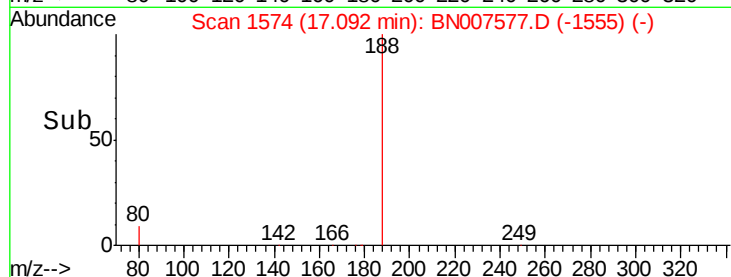
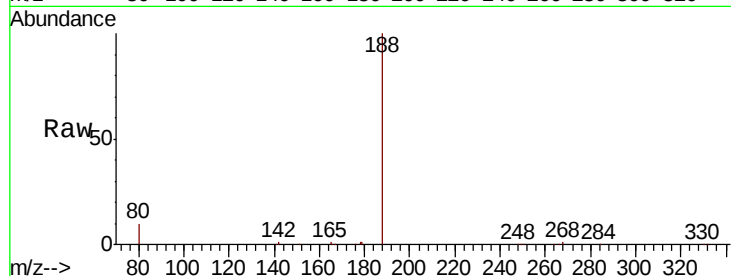
Tot Ion:188 Resp: 30789

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 8.1 12.1



#20

4-Bromophenyl-phenylether

Concen: 4.963 ng

RT: 16.29 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

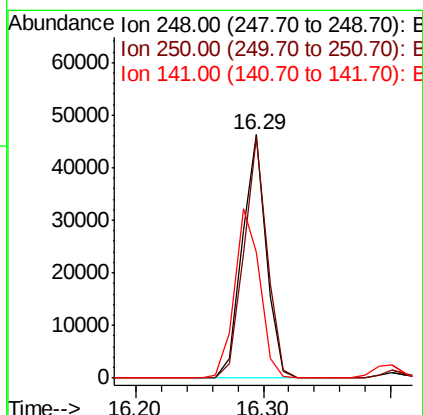
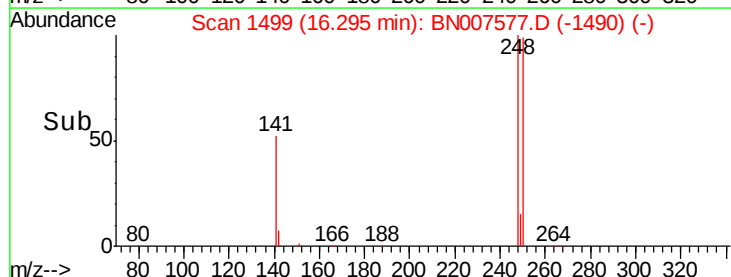
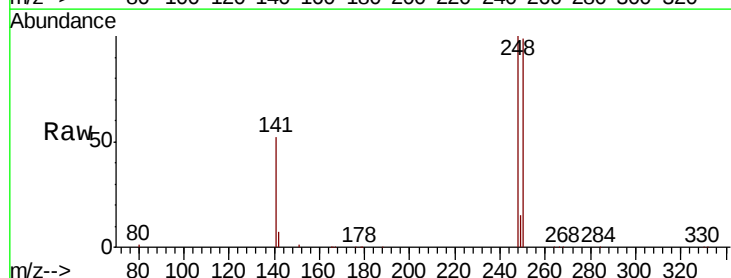
Tgt Ion:248 Resp: 60260

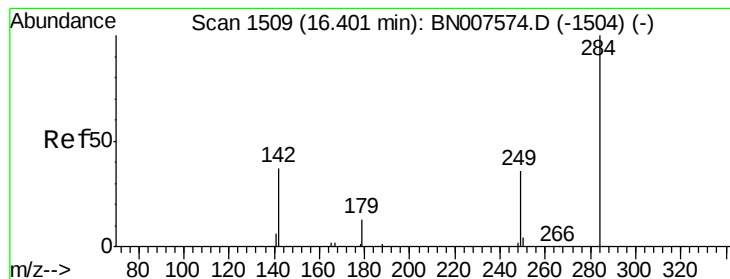
Ion Ratio Lower Upper

248 100

250 99.2 78.9 118.3

141 51.8 48.3 72.5





#21

Hexachlorobenzene

Concen: 3.044 ng

RT: 16.40 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

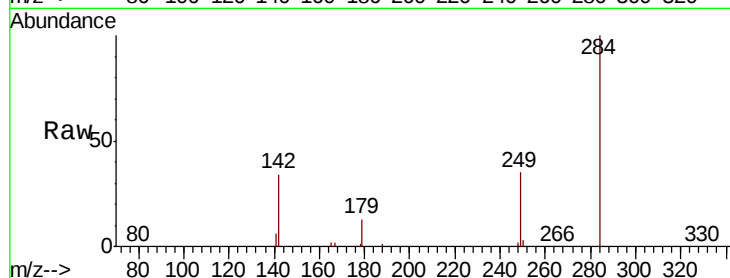
Tot Ion:284 Resp: 62825

Ion Ratio Lower Upper

284 100

142 34.4 27.9 41.9

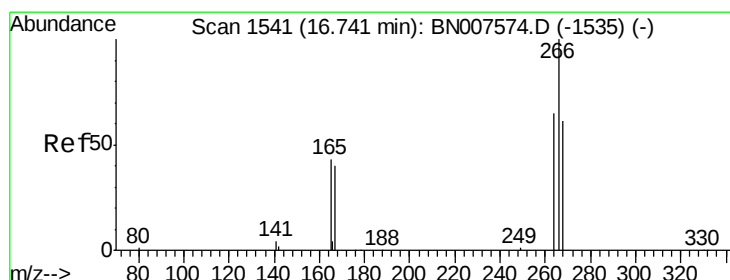
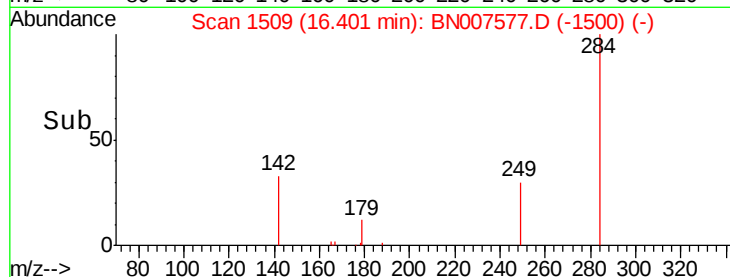
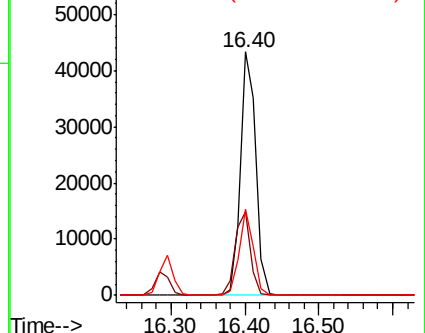
249 32.4 26.0 39.0



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: 3.053 ng

RT: 16.74 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

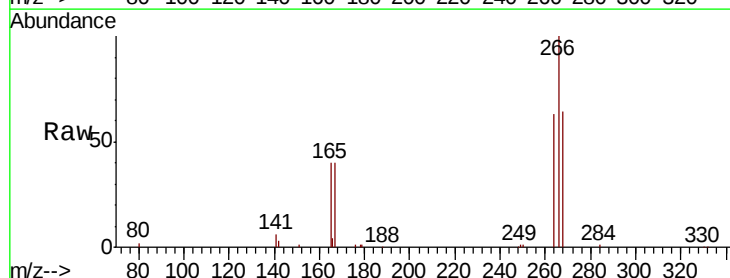
Tgt Ion:266 Resp: 19579

Ion Ratio Lower Upper

266 100

264 62.7 52.0 78.0

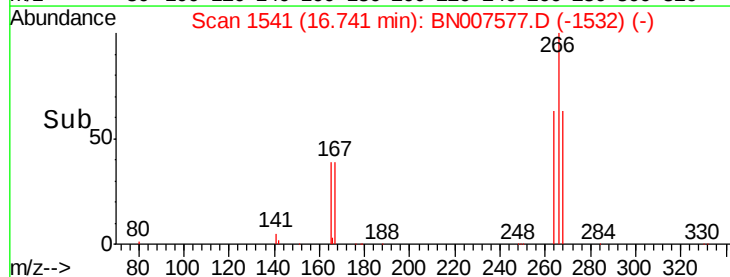
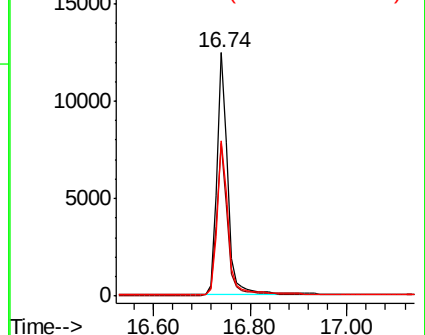
268 63.7 53.5 80.3

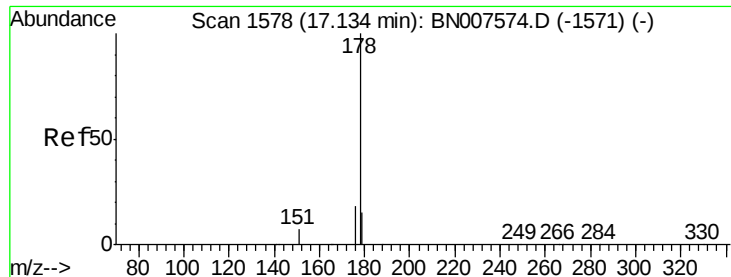


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.352 ng

RT: 17.13 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampled :

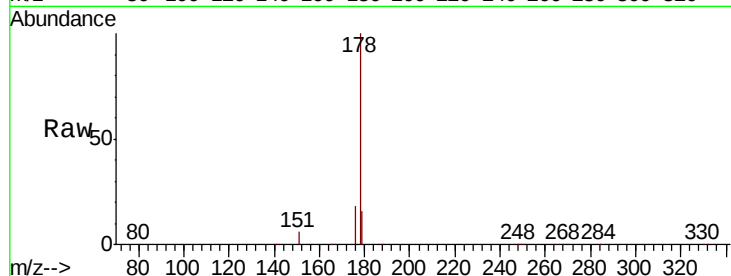
Tot Ion:178 Resp: 310410

Ion Ratio Lower Upper

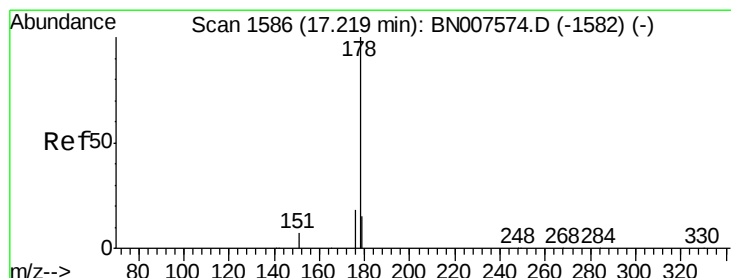
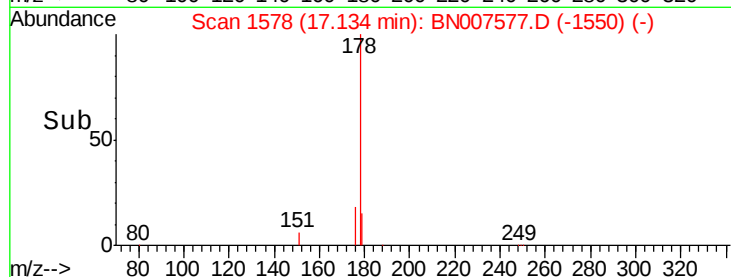
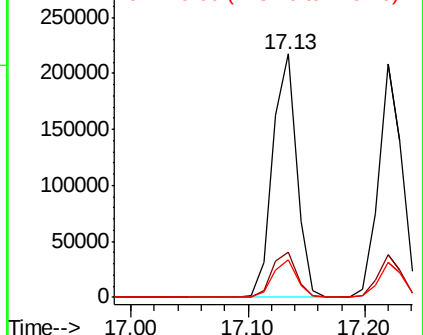
178 100

176 18.7 15.0 22.4

179 15.3 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: 3.143 ng

RT: 17.22 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

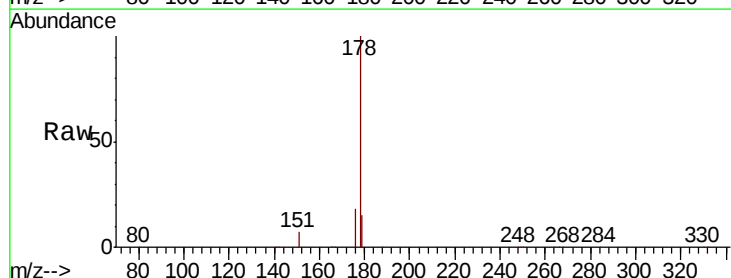
Tgt Ion:178 Resp: 292754

Ion Ratio Lower Upper

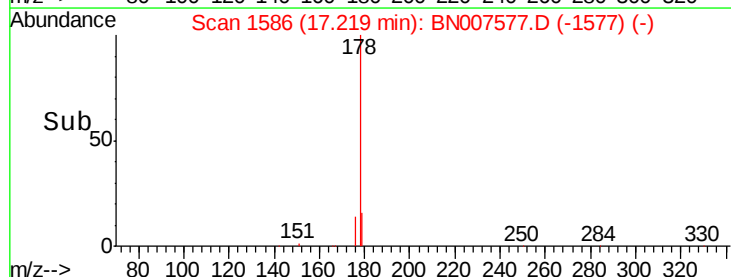
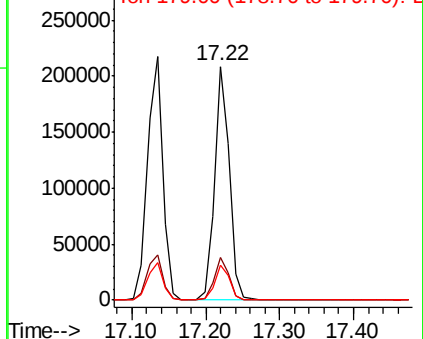
178 100

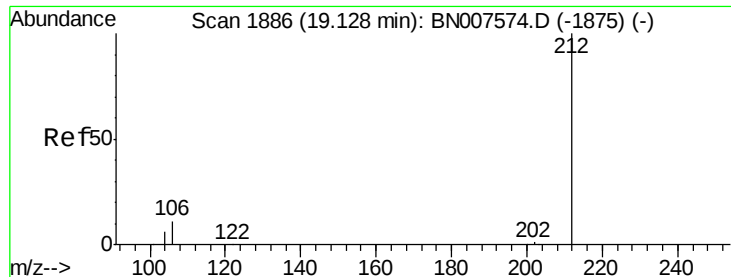
176 18.0 14.4 21.6

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: 3.316 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

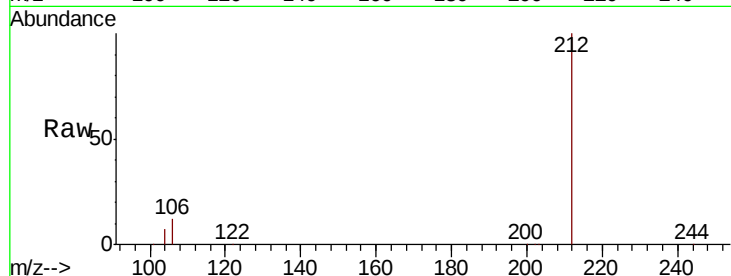
Tot Ion:212 Resp: 328827

Ion Ratio Lower Upper

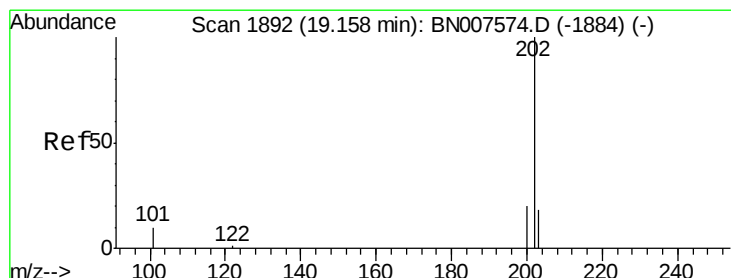
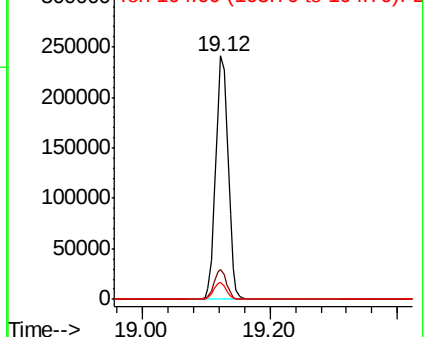
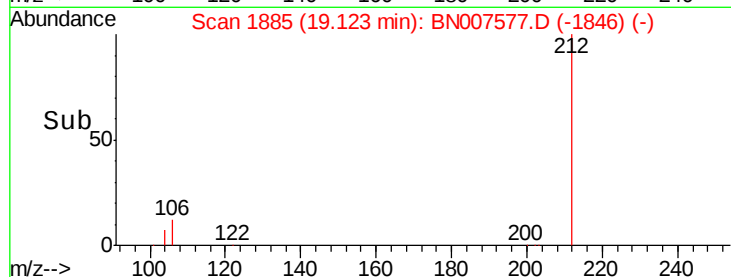
212 100

106 12.0 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: 3.177 ng

RT: 19.15 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

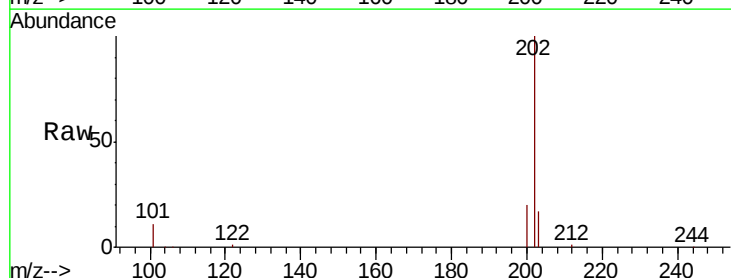
Tgt Ion:202 Resp: 377747

Ion Ratio Lower Upper

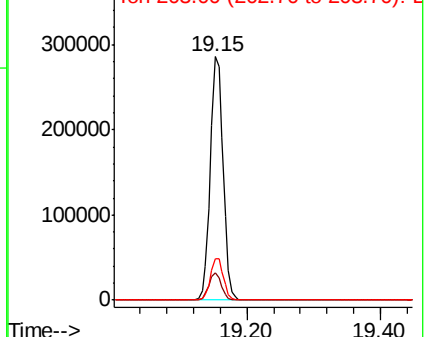
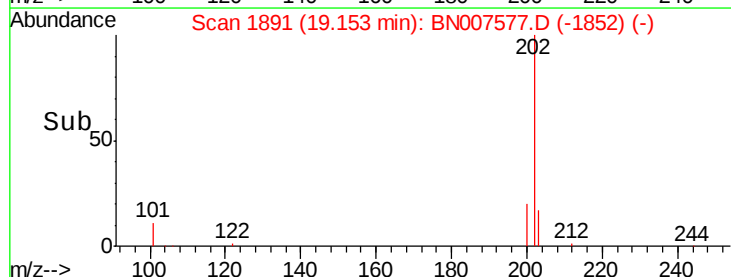
202 100

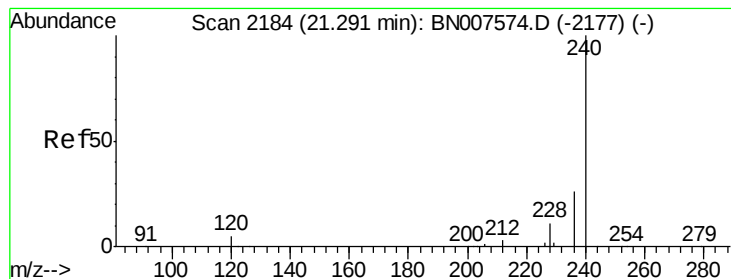
101 11.0 8.8 13.2

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: 21.28 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

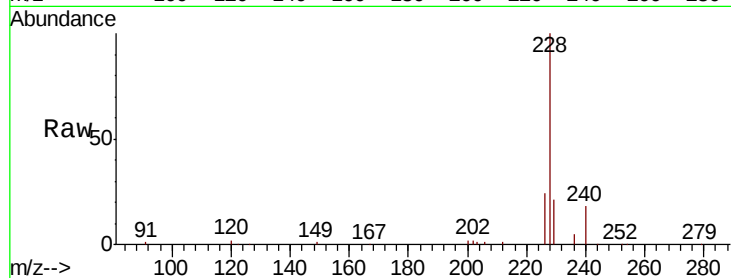
Tot Ion:240 Resp: 33005

Ion Ratio Lower Upper

240 100

120 13.5 5.0 7.4#

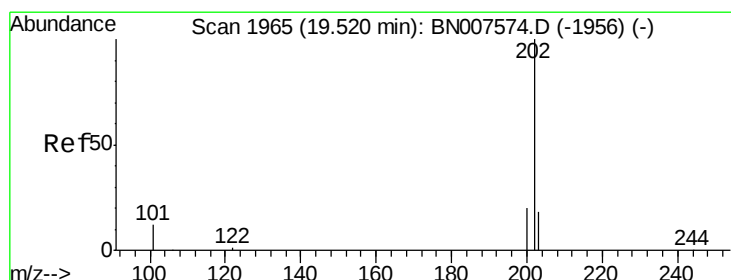
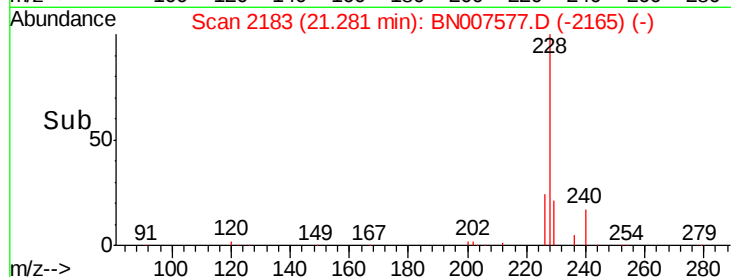
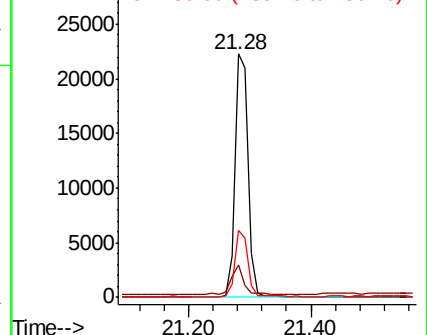
236 27.5 20.6 31.0



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: 2.851 ng

RT: 19.52 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

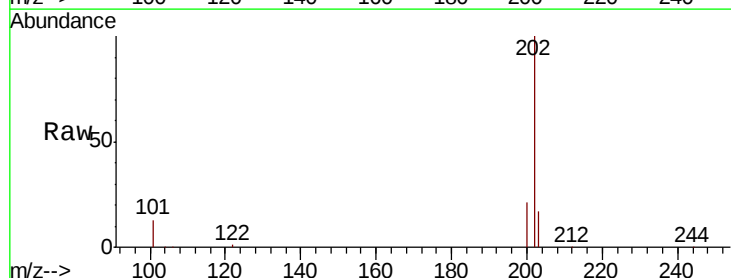
Tgt Ion:202 Resp: 378581

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

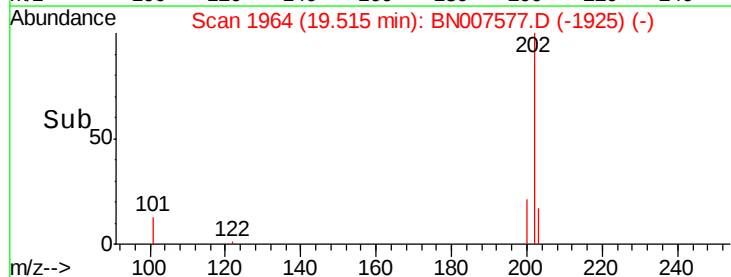
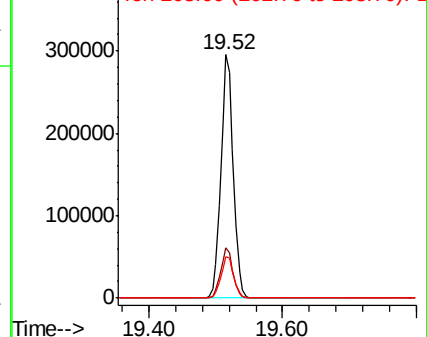
203 17.5 14.1 21.1

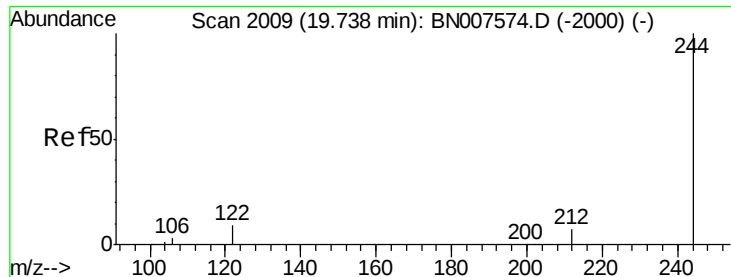


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.123 ng

RT: 19.73 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

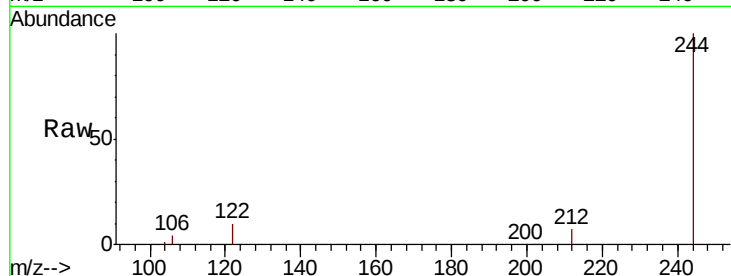
Tot Ion:244 Resp: 269700

Ion Ratio Lower Upper

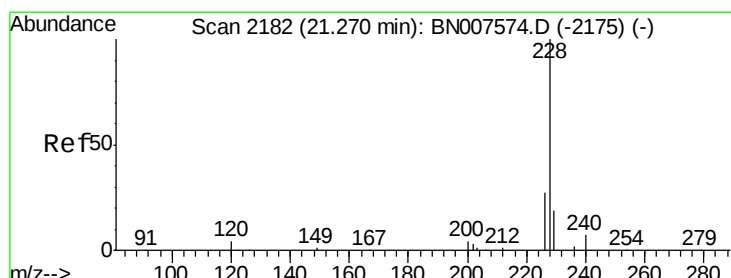
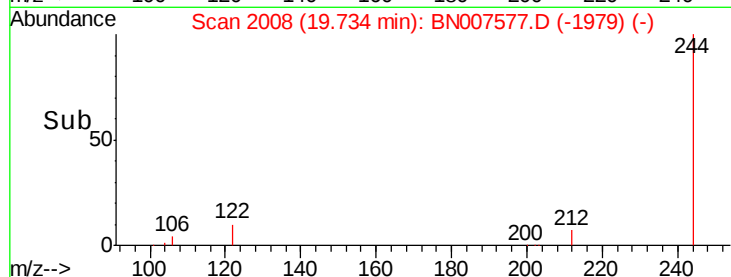
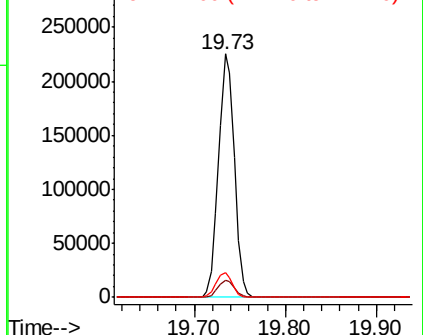
244 100

212 7.3 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: 2.974 ng

RT: 21.27 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

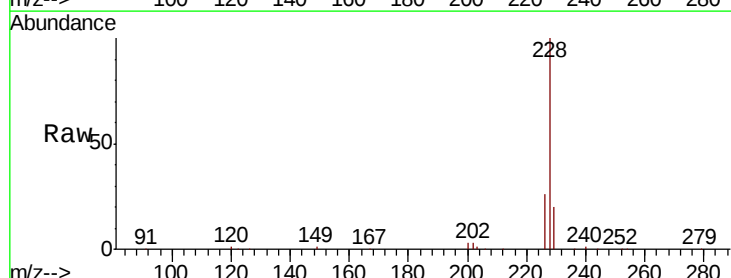
Tgt Ion:228 Resp: 385512

Ion Ratio Lower Upper

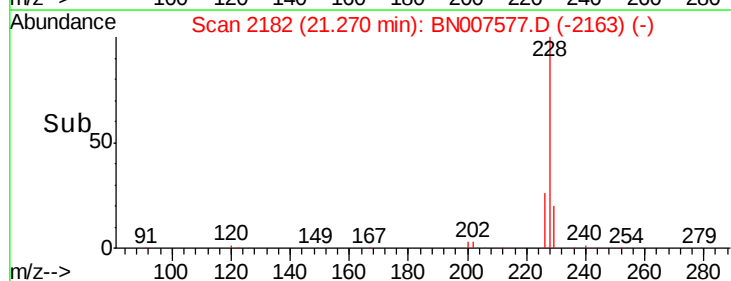
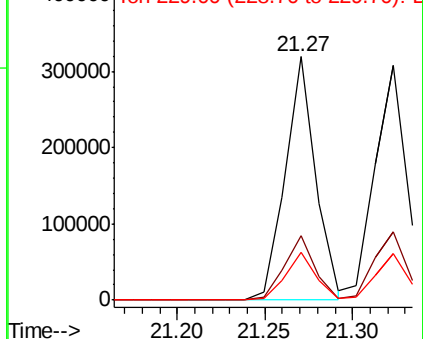
228 100

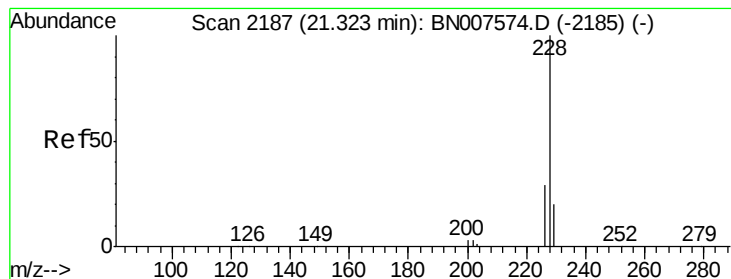
226 26.3 21.6 32.4

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: 3.116 ng

RT: 21.32 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

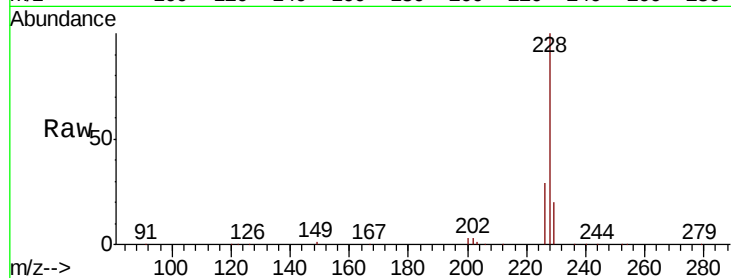
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 389829

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	19.7	15.7	23.5

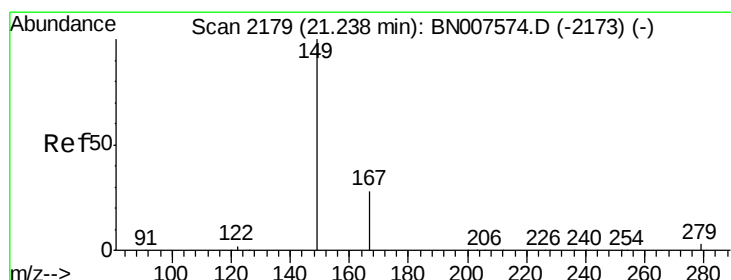
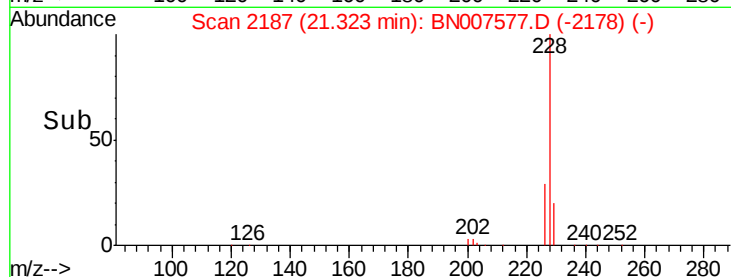
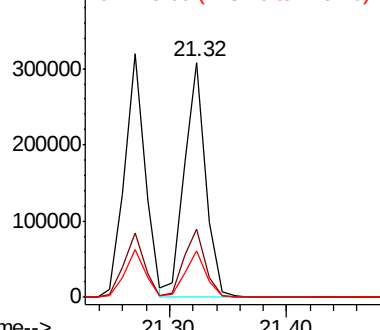


Abundance

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: 1.400 ng

RT: 21.24 min Scan# 2179

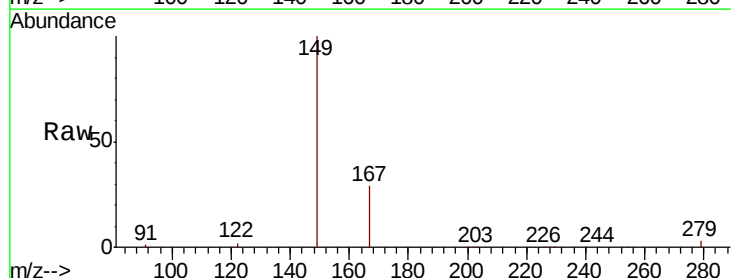
Delta R.T. 0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Tgt Ion:149 Resp: 135991

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.1	33.1
279	4.8	3.9	5.9

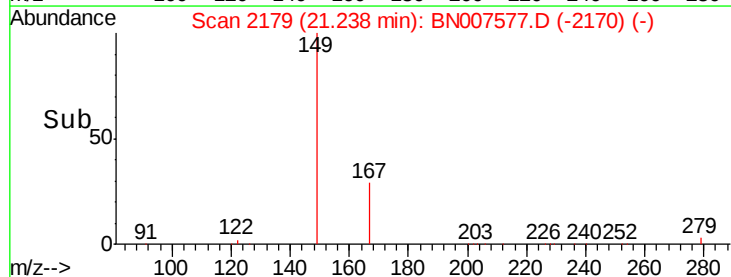
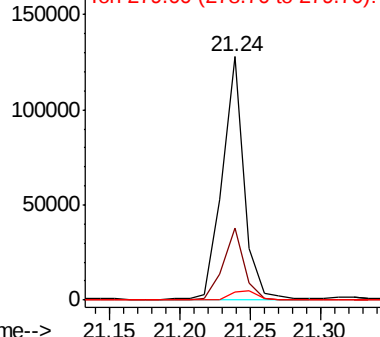


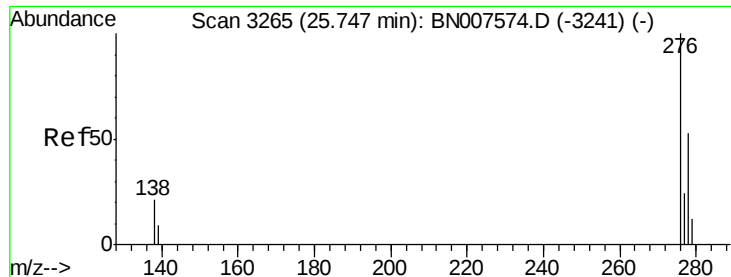
Abundance

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

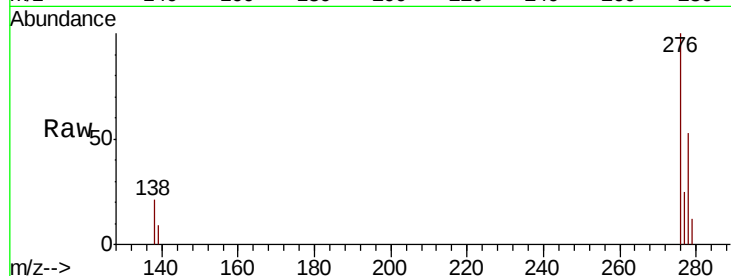




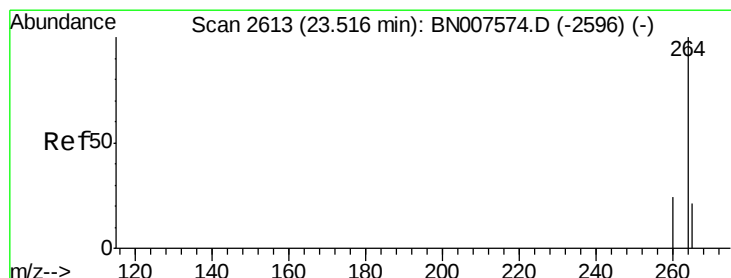
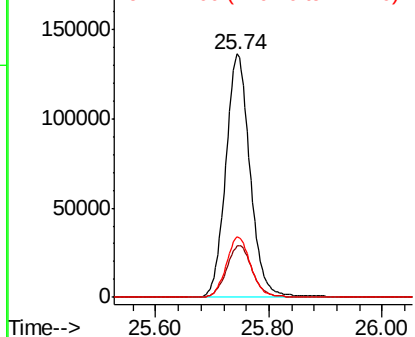
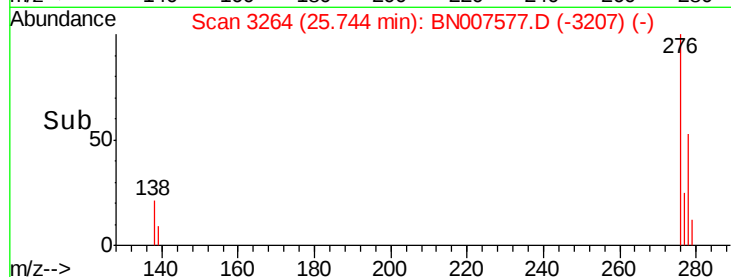
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.699 ng
RT: 25.74 min Scan# 3264
Delta R.T. -0.00 min
Lab File: BN007577.D
Acq: 10 Sep 2019 15:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 406740
Ion Ratio Lower Upper
276 100
138 22.5 0.0 0.0#
277 25.1 0.0 0.0#

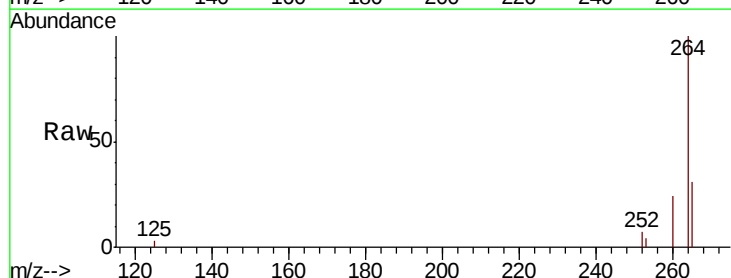


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

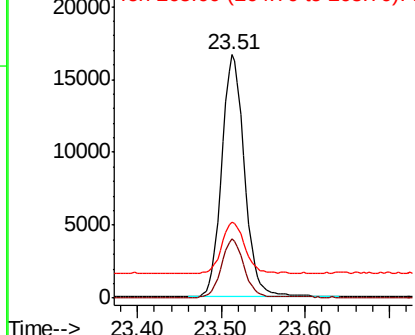
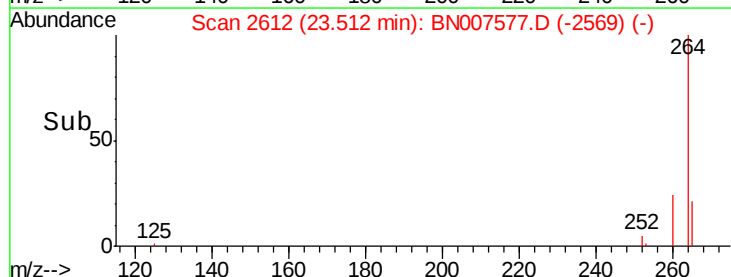


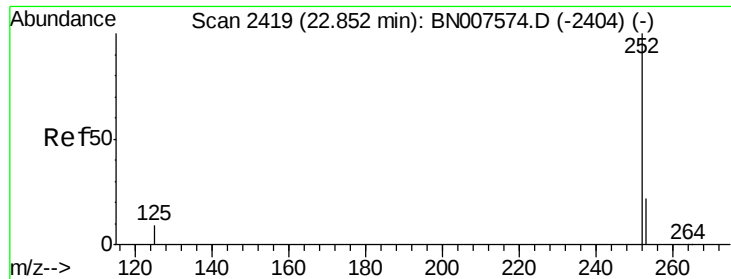
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2612
Delta R.T. -0.00 min
Lab File: BN007577.D
Acq: 10 Sep 2019 15:29

Tgt Ion:264 Resp: 31363
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 31.3 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

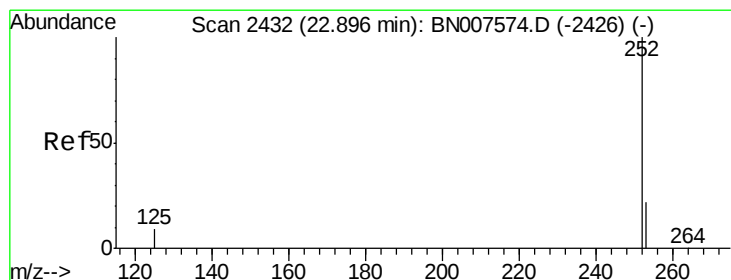
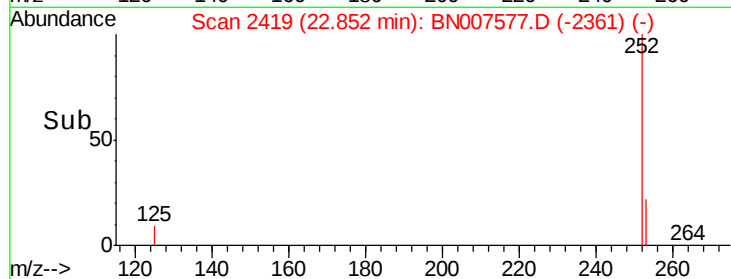
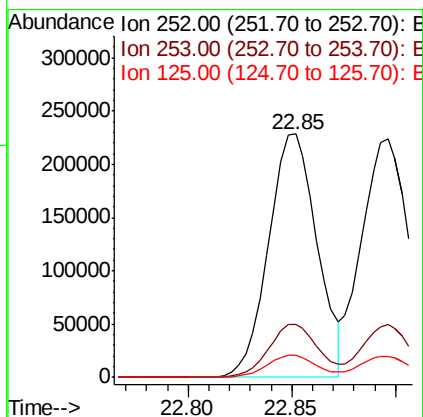
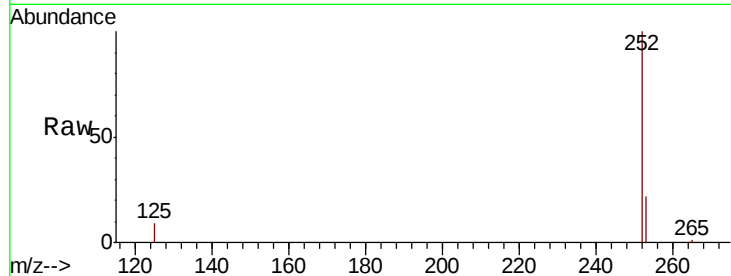




#35
Benzo(b)fluoranthene
Concen: 3.253 ng
RT: 22.85 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BN007577.D
Acq: 10 Sep 2019 15:29

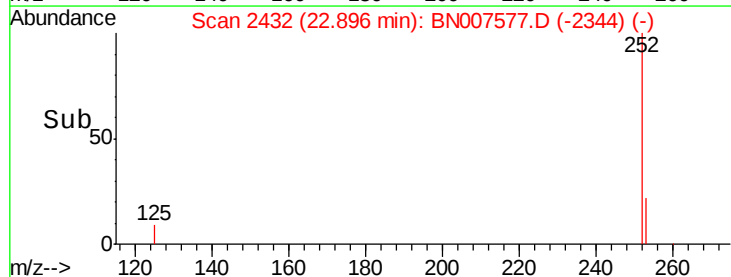
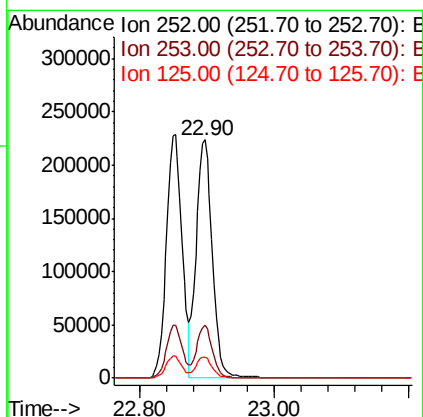
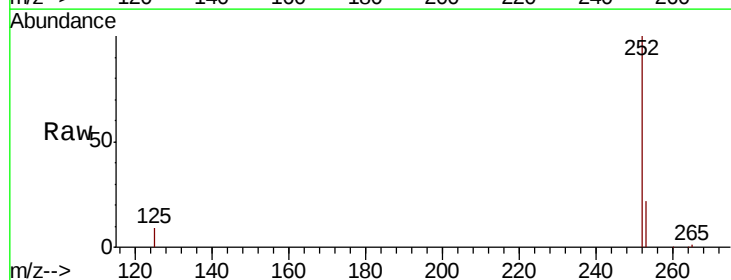
Instrument :
BNA_N
ClientSampleId :

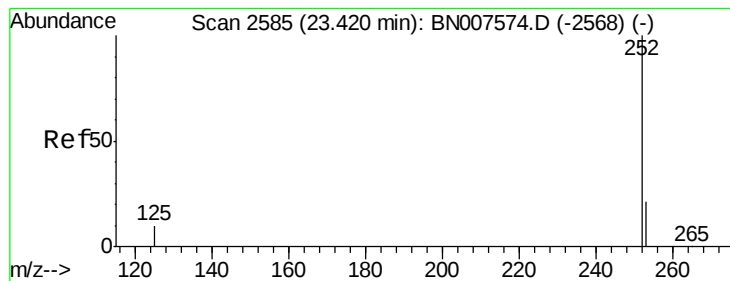
Tot Ion:252 Resp: 369612
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 9.0 8.2 12.2



#36
Benzo(k)fluoranthene
Concen: 3.292 ng
RT: 22.90 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BN007577.D
Acq: 10 Sep 2019 15:29

Tgt Ion:252 Resp: 369700
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 9.0 8.2 12.2





#37

Benzo(a)pyrene

Concen: 3.090 ng

RT: 23.42 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :

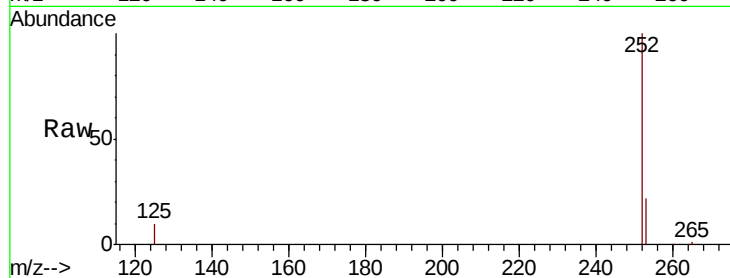
Tot Ion:252 Resp: 334181

Ion Ratio Lower Upper

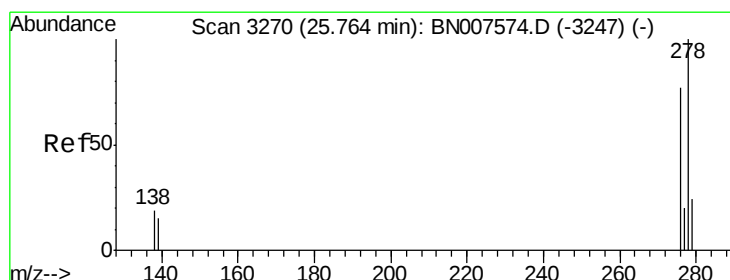
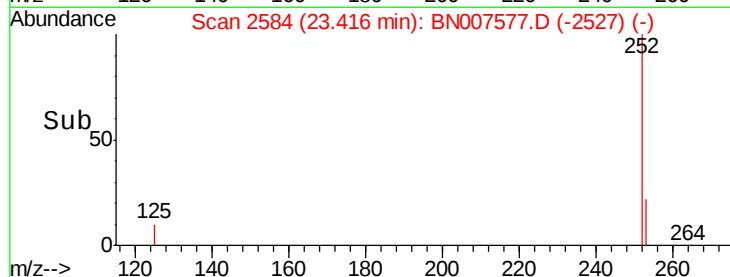
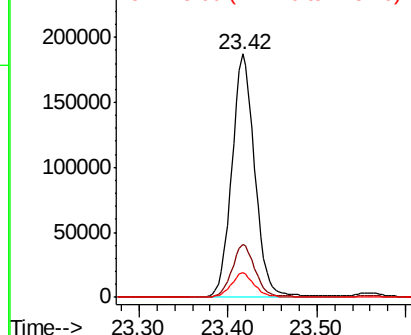
252 100

253 21.7 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: 3.091 ng

RT: 25.76 min Scan# 3269

Delta R.T. -0.00 min

Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

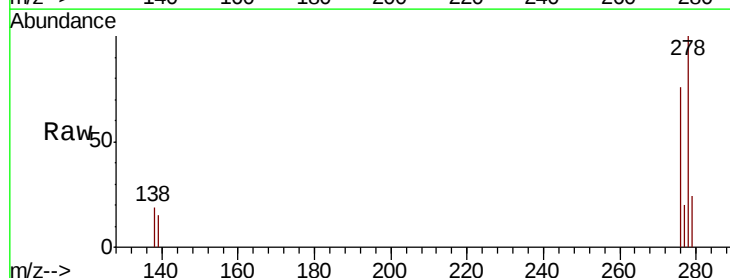
Tgt Ion:278 Resp: 333468

Ion Ratio Lower Upper

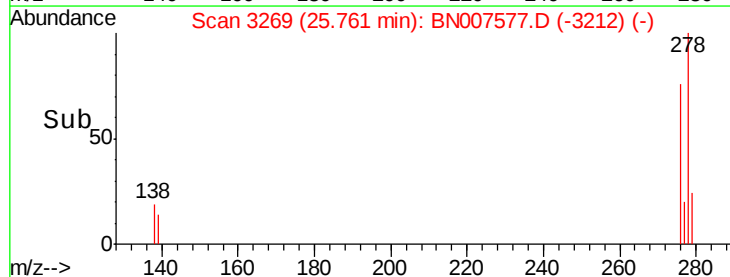
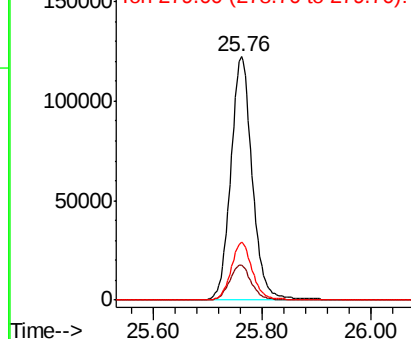
278 100

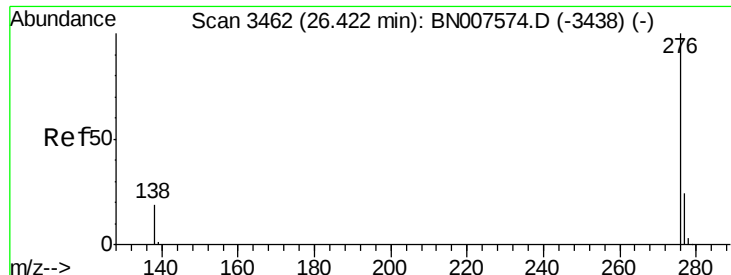
139 14.5 12.5 18.7

279 23.7 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: 3.094 ng

RT: 26.41 min Scan# 3460

Delta R.T. -0.01 min

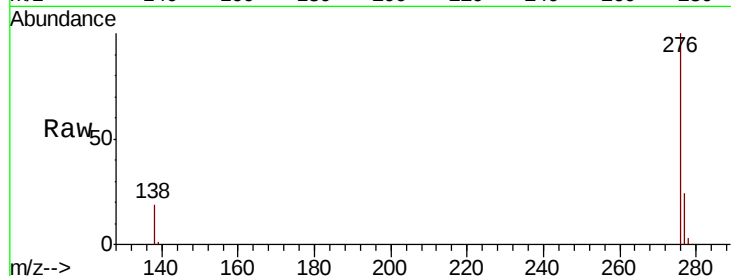
Lab File: BN007577.D

Acq: 10 Sep 2019 15:29

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 332633

Ion Ratio Lower Upper

276 100

277 23.7 19.7 29.5

138 19.3 15.9 23.9

Abundance Ion 276.00 (275.70 to 276.70): E
150000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

