

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007744.D
 Acq On : 19 Sep 2019 16:59
 Operator : HP/JU
 Sample : PB123223BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 20 01:49:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6747	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	25946	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14777	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	31291	0.40	ng	0.00
27) Chrysene-d12	21.27	240	28038	0.40	ng	0.00
34) Perylene-d12	23.49	264	16634	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	5851	0.25	ng	0.00
5) Phenol-d6	6.87	99	7448	0.26	ng	0.00
8) Nitrobenzene-d5	8.83	82	6355	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	14560	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1622	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	19893	0.33	ng	0.00
25) Fluoranthene-d10	19.10	212	30084	0.29	ng	0.00
29) Terphenyl-d14	19.71	244	26378	0.38	ng	0.00

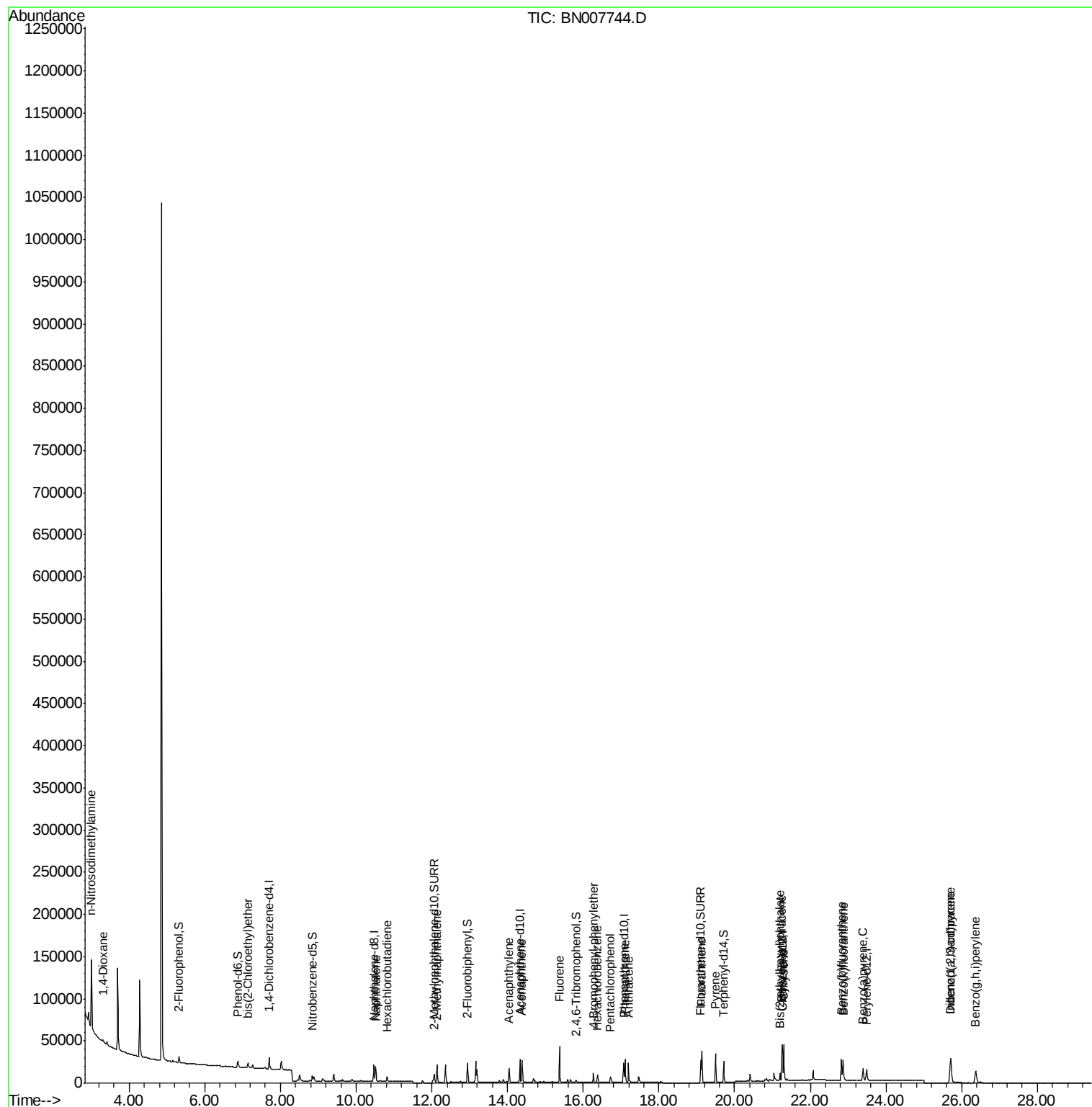
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1938	0.258	ng	# 57
3) n-Nitrosodimethylamine	3.01	42	7527	2.185	ng	86
6) bis(2-Chloroethyl)ether	7.14	93	6211	0.325	ng	96
9) Naphthalene	10.52	128	23130	0.318	ng	100
10) Hexachlorobutadiene	10.82	225	4486	0.293	ng	# 99
12) 2-Methylnaphthalene	12.13	142	15468	0.314	ng	99
16) Acenaphthylene	14.03	152	20478	0.261	ng	100
17) Acenaphthene	14.38	154	14198	0.281	ng	97
18) Fluorene	15.37	166	17991	0.278	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	5848	0.308	ng	# 74
21) Hexachlorobenzene	16.38	284	6535	0.315	ng	98
22) Pentachlorophenol	16.72	266	3632	0.474	ng	95
23) Phenanthrene	17.11	178	30923	0.317	ng	100
24) Anthracene	17.20	178	24967	0.284	ng	100
26) Fluoranthene	19.13	202	33991	0.280	ng	100
28) Pyrene	19.50	202	31354	0.328	ng	100
30) Benzo(a)anthracene	21.25	228	30550	0.296	ng	99
31) Chrysene	21.30	228	33109	0.329	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	9267	0.175	ng	100
33) Indeno(1,2,3-cd)pyrene	25.70	276	33338	0.265	ng	99
35) Benzo(b)fluoranthene	22.82	252	31552	0.546	ng	99
36) Benzo(k)fluoranthene	22.87	252	29925	0.524	ng	99
37) Benzo(a)pyrene	23.39	252	20952	0.386	ng	96
38) Dibenzo(a,h)anthracene	25.72	278	30145	0.543	ng	99
39) Benzo(g,h,i)perylene	26.37	276	28672	0.522	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: 7.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :

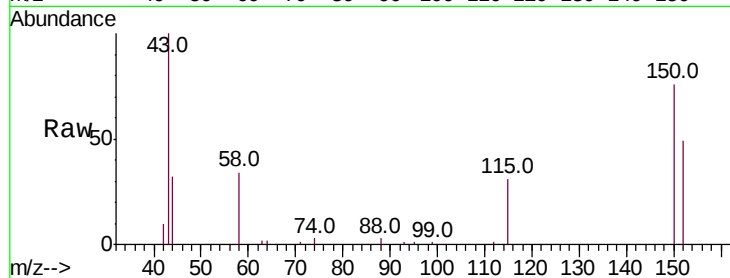
Tot Ion:152 Resp: 6747

Ion Ratio Lower Upper

152 100

150 155.4 125.6 188.4

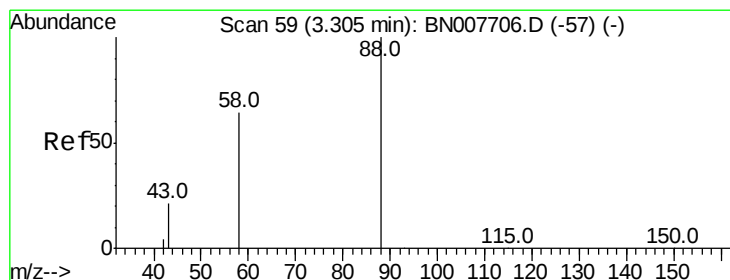
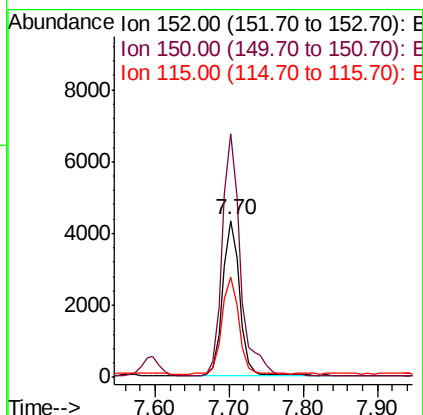
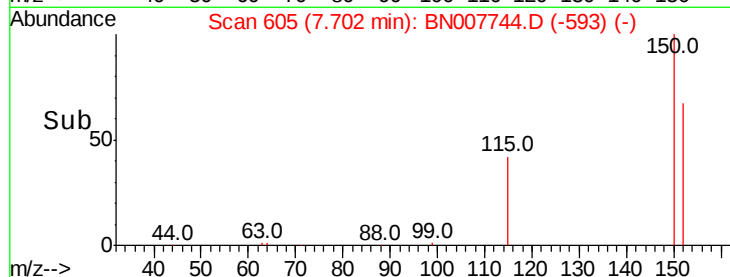
115 64.1 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.258 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

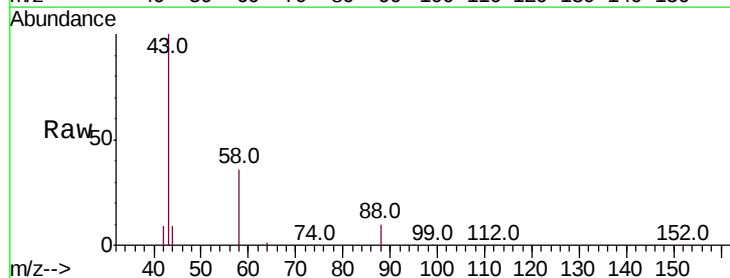
Tgt Ion: 88 Resp: 1938

Ion Ratio Lower Upper

88 100

58 87.8 44.6 66.8#

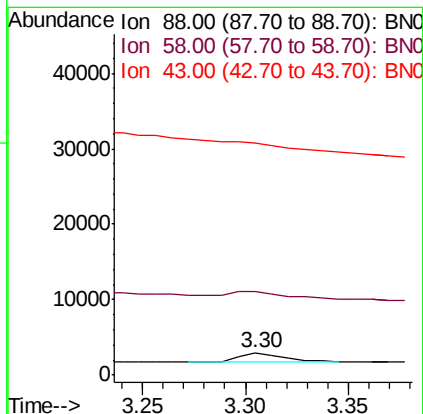
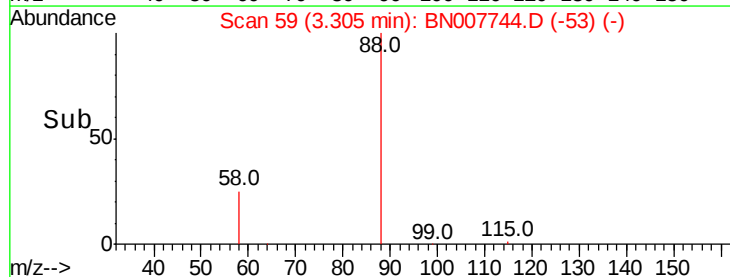
43 0.0 14.4 21.6#



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 2.185 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

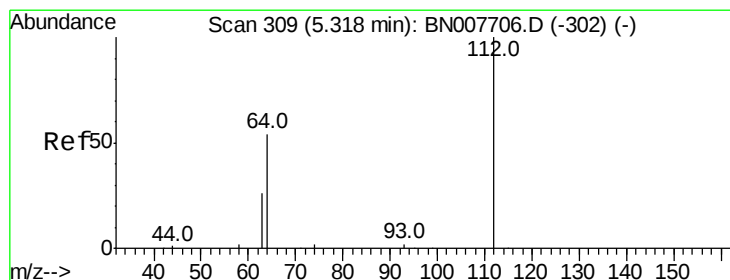
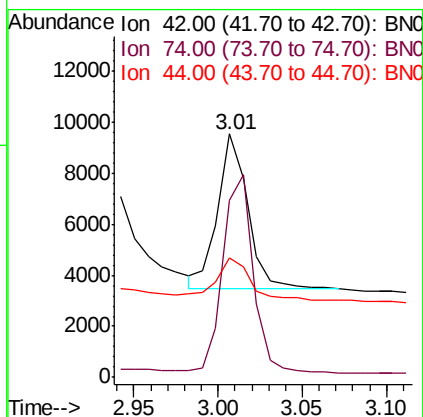
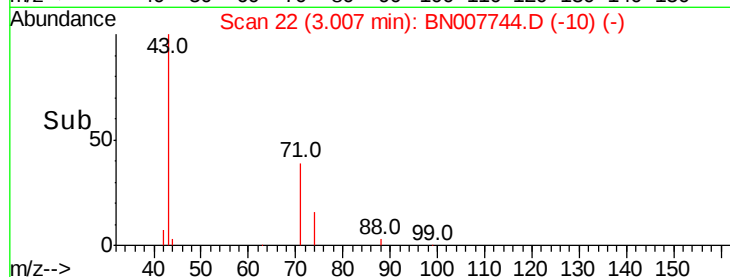
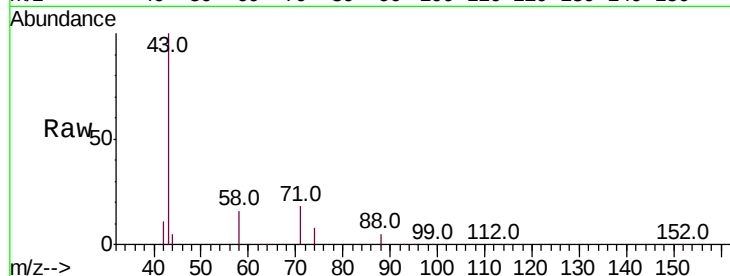
Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 42 Resp: 7527

Ion	Ratio	Lower	Upper
42	100		
74	127.5	87.9	131.9
44	32.7	29.4	44.0



#4

2-Fluorophenol

Concen: 0.252 ng

RT: 5.32 min Scan# 309

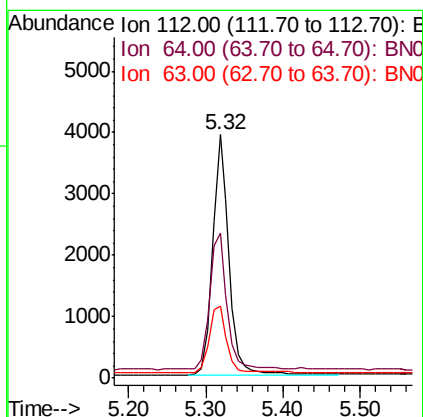
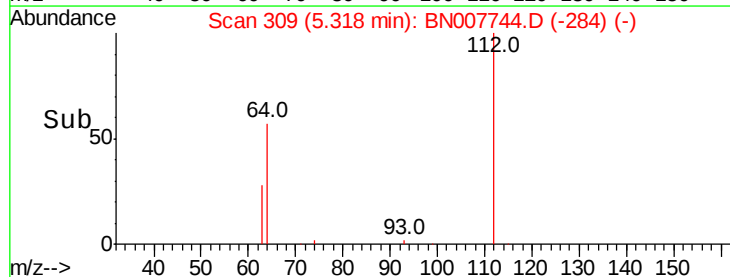
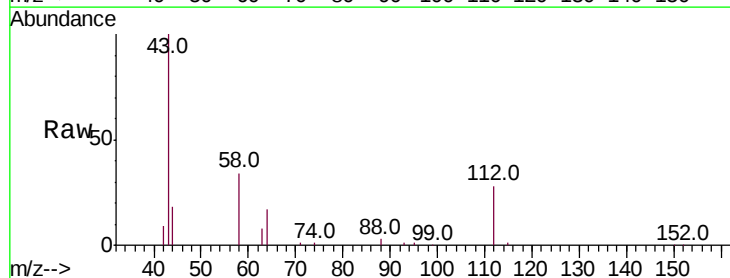
Delta R.T. -0.00 min

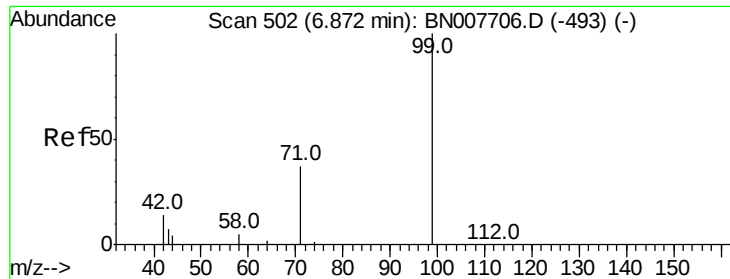
Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Tgt Ion: 112 Resp: 5851

Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.6	70.0
63	29.3	23.1	34.7





#5

Phenol-d6

Concen: 0.255 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampled :

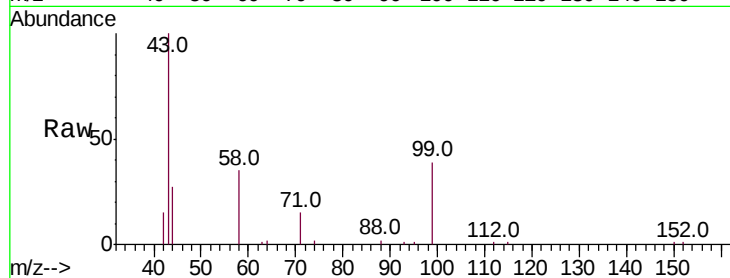
Tot Ion: 99 Resp: 7448

Ion Ratio Lower Upper

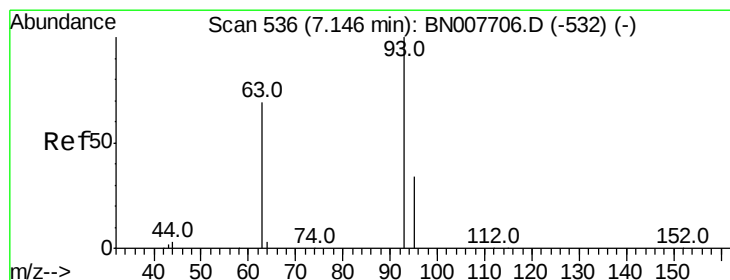
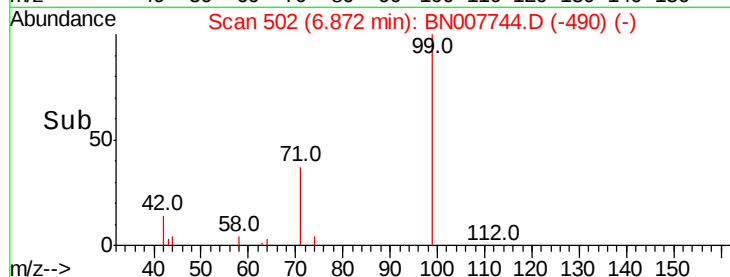
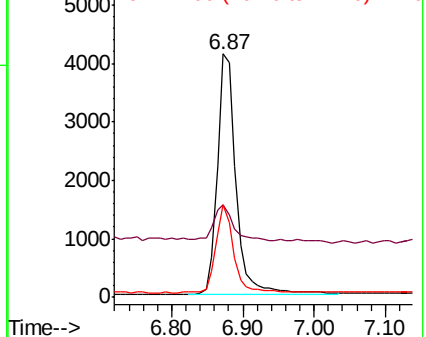
99 100

42 15.6 12.8 19.2

71 34.5 27.6 41.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.325 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

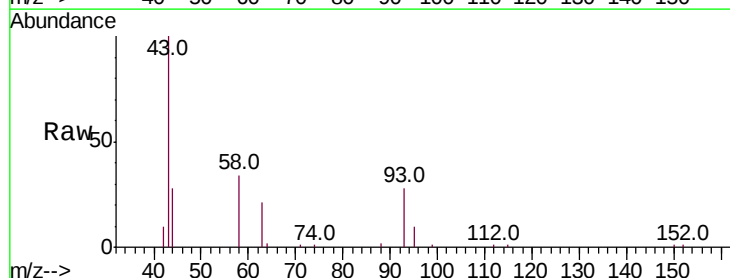
Tgt Ion: 93 Resp: 6211

Ion Ratio Lower Upper

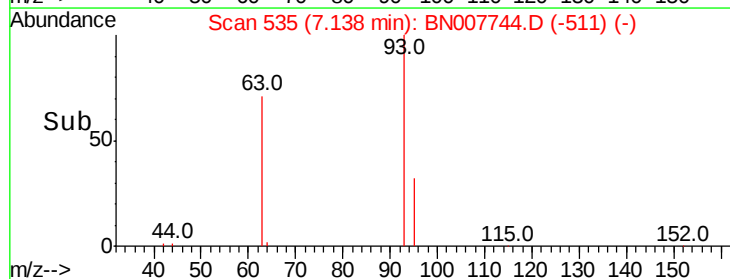
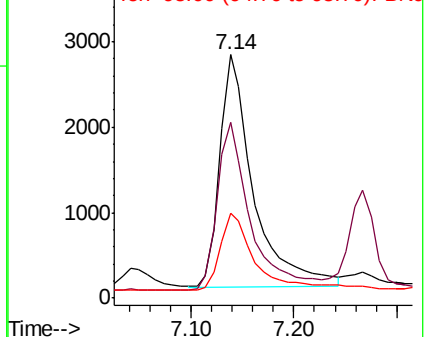
93 100

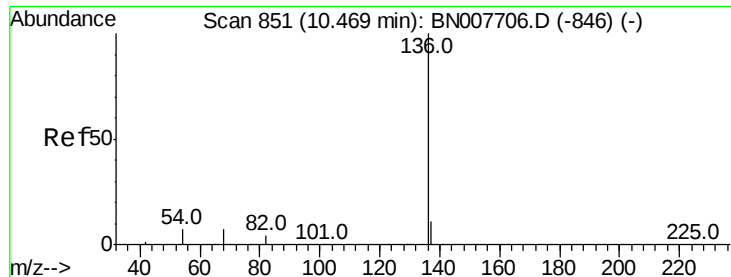
63 71.6 59.3 88.9

95 35.7 31.4 47.0



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 25946

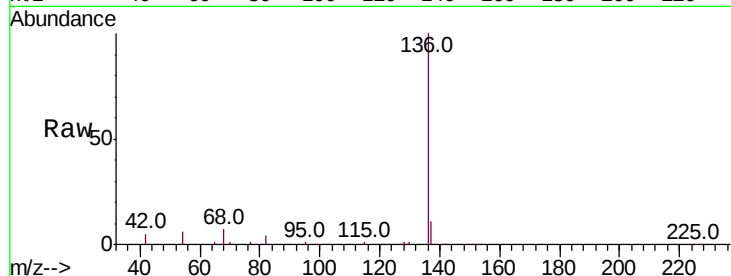
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.2 5.8 8.8

68 6.9 6.5 9.7

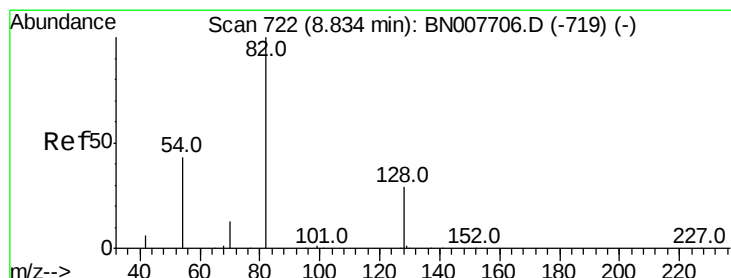
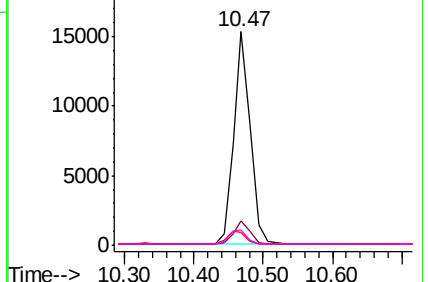
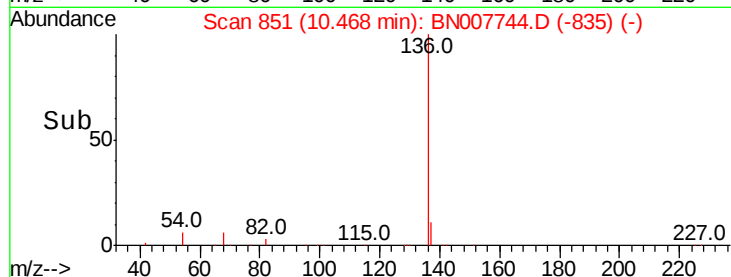


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.280 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

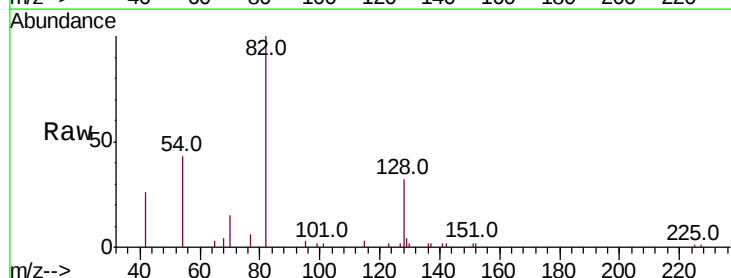
Tgt Ion: 82 Resp: 6355

Ion Ratio Lower Upper

82 100

128 31.9 24.5 36.7

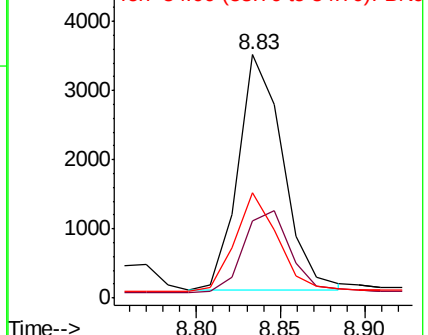
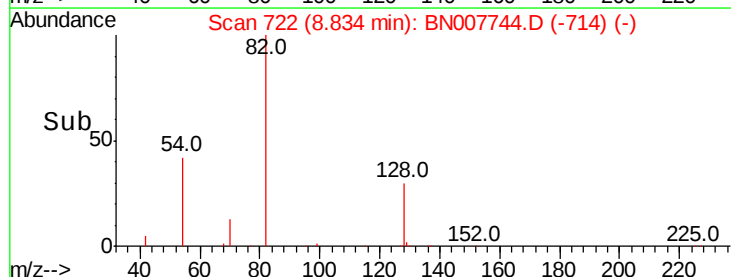
54 43.2 35.2 52.8

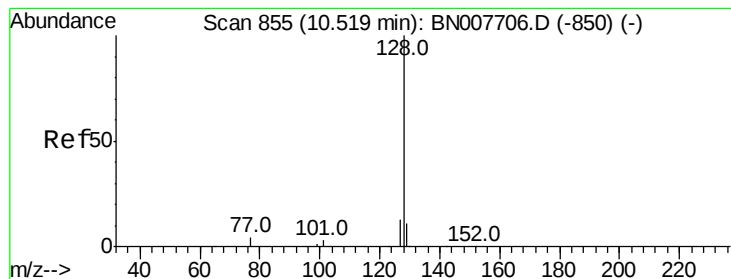


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.318 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :

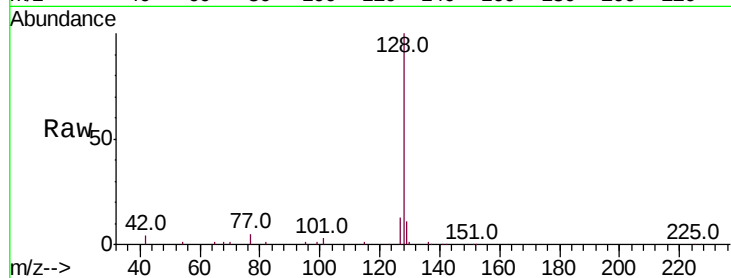
Tot Ion:128 Resp: 23130

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

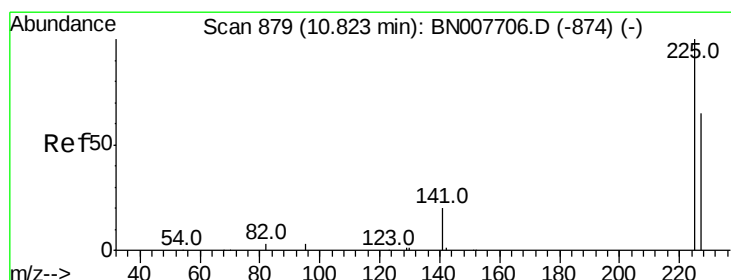
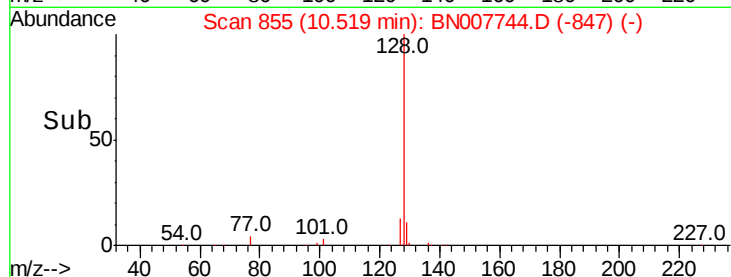
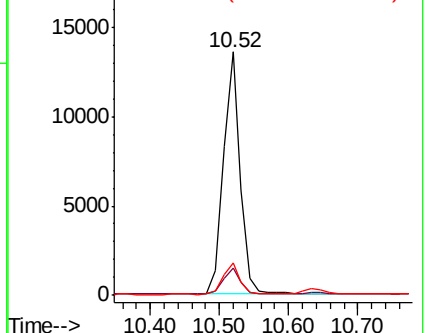
127 13.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.293 ng

RT: 10.82 min Scan# 879

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

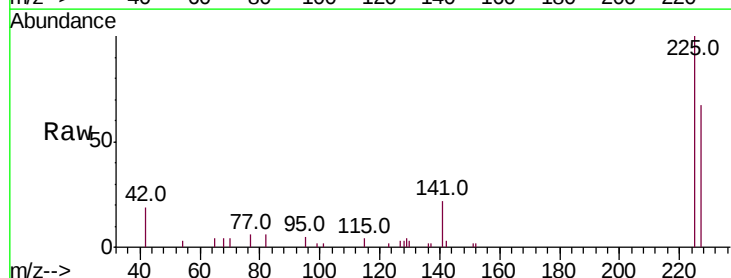
Tgt Ion:225 Resp: 4486

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

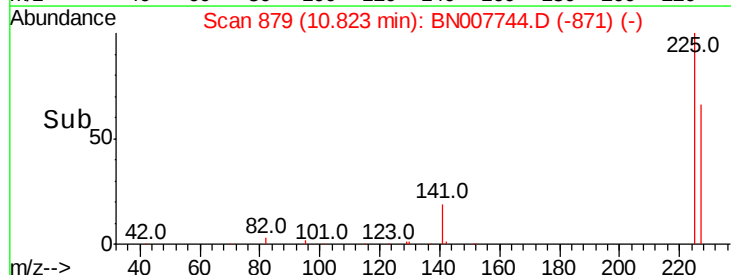
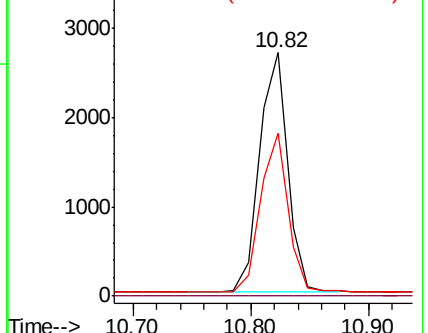
227 65.0 51.2 76.8

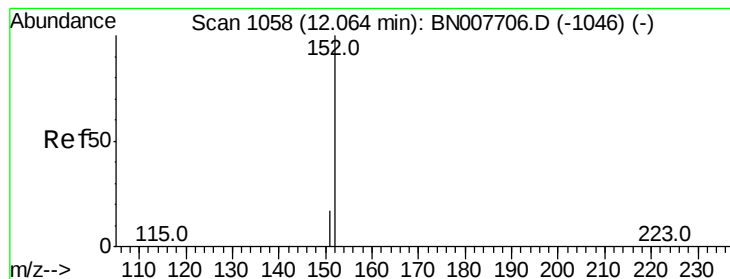


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.06 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

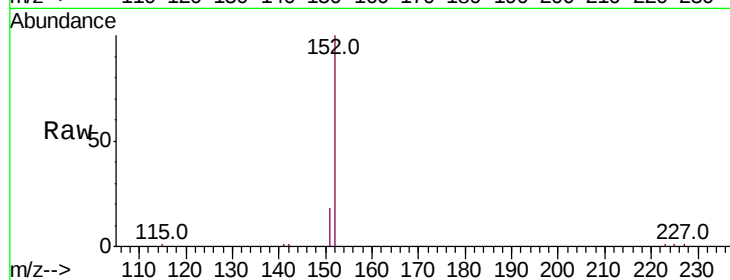
ClientSampleId :

Tot Ion:152 Resp: 14560

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.06

8000

6000

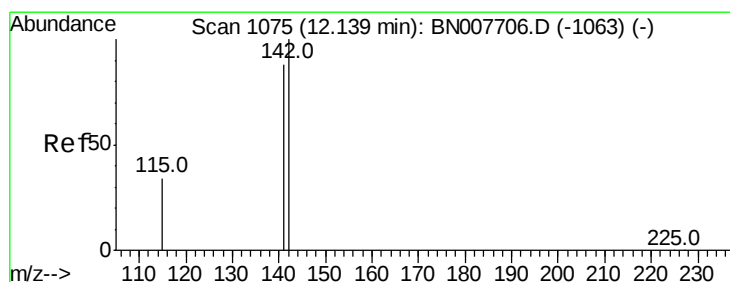
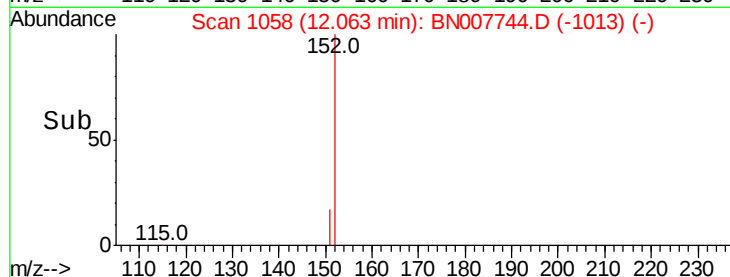
4000

2000

0

Time-->

12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.314 ng

RT: 12.13 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

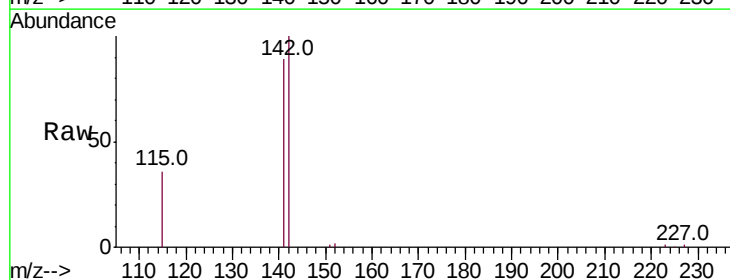
Tgt Ion:142 Resp: 15468

Ion Ratio Lower Upper

142 100

141 89.5 70.6 106.0

115 35.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.13

12000

10000

8000

6000

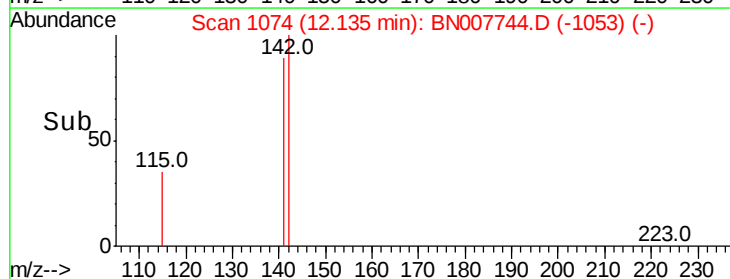
4000

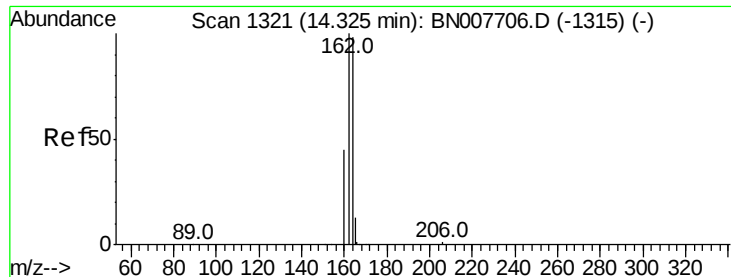
2000

0

Time-->

12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampled :

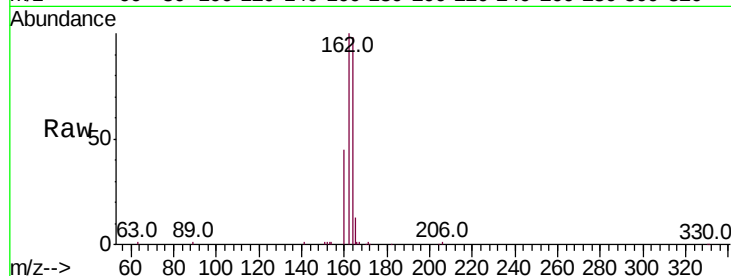
Tot Ion:164 Resp: 14777

Ion Ratio Lower Upper

164 100

162 102.1 81.7 122.5

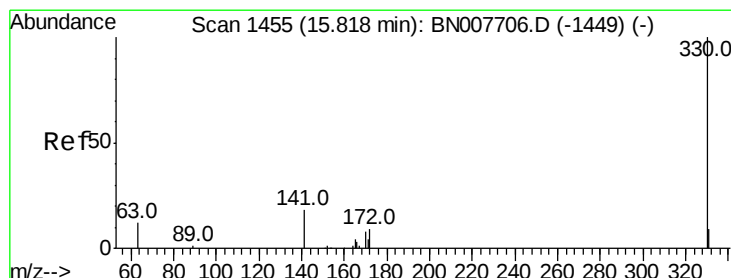
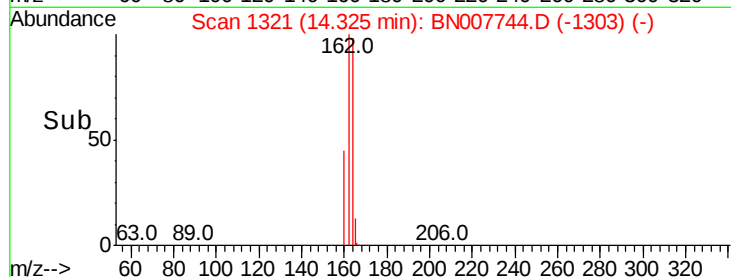
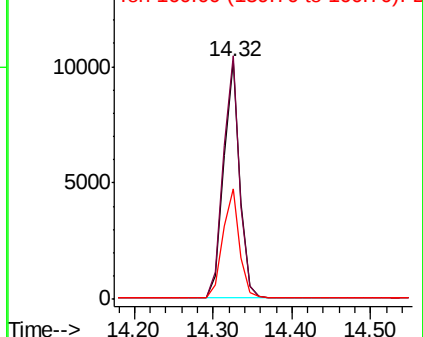
160 46.4 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.202 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

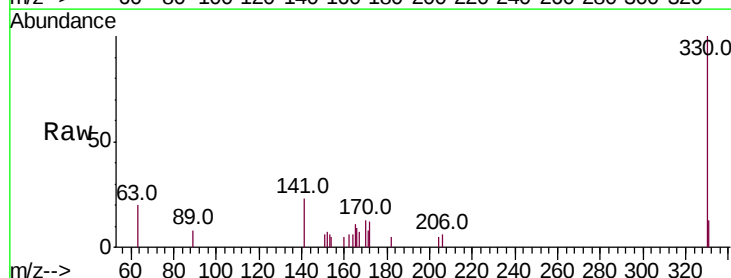
Tgt Ion:330 Resp: 1622

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

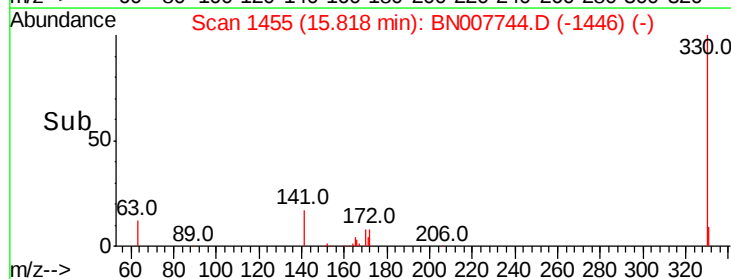
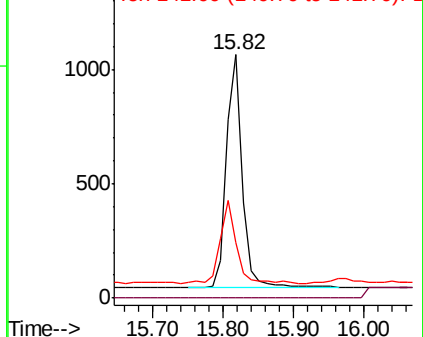
141 36.6 28.7 43.1



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

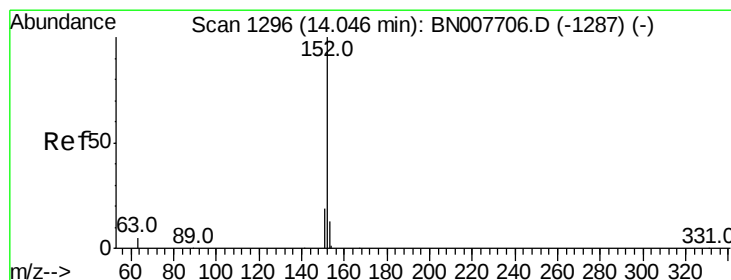
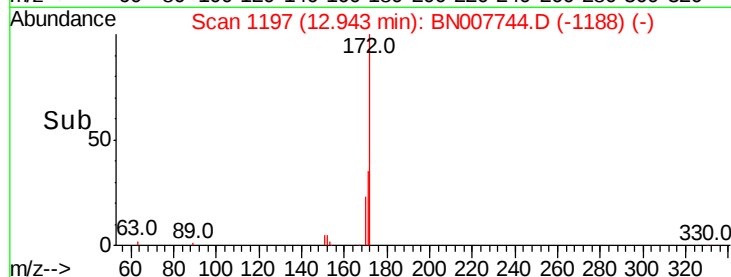
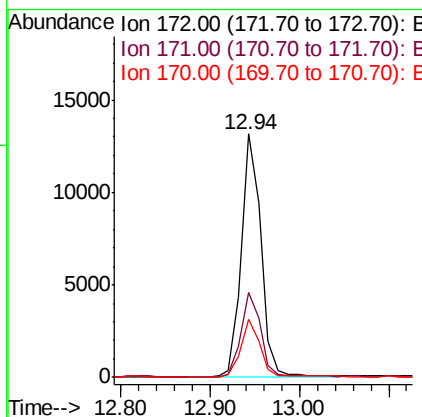
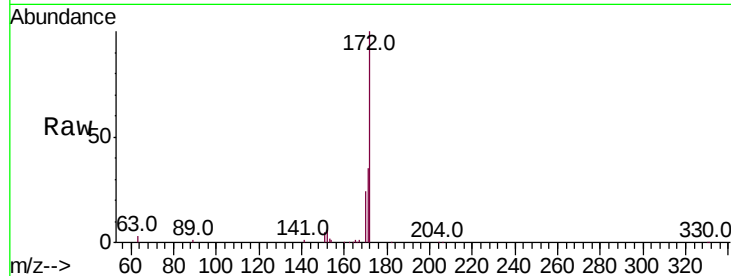




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

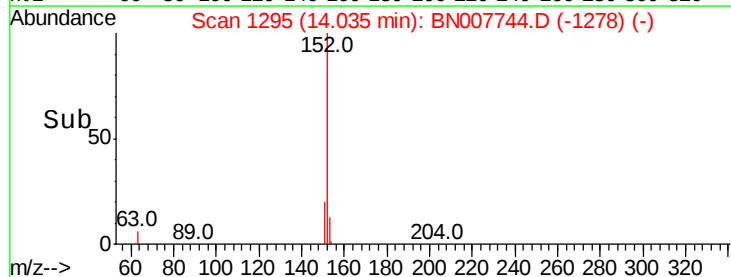
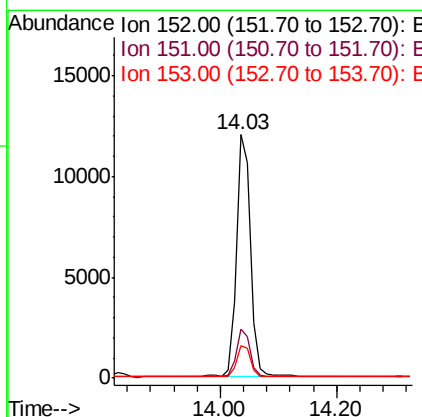
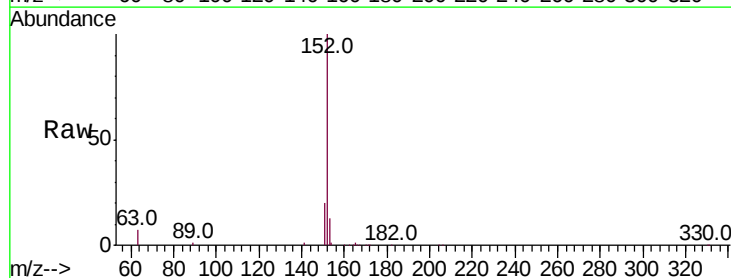
Instrument :
BNA_N
ClientSampleId :

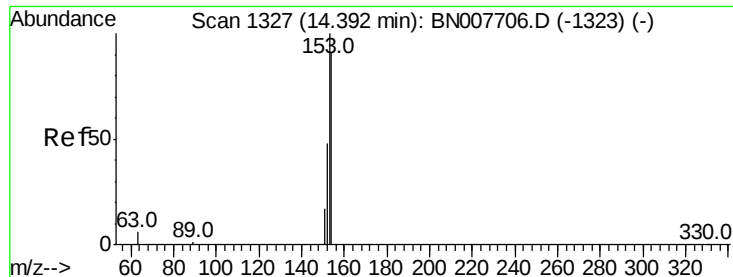
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	23.8	19.5	29.3



#16
Acenaphthylene
Concen: 0.261 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007744.D
Acq: 19 Sep 2019 16:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	12.9	10.4	15.6





#17

Acenaphthene

Concen: 0.281 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :

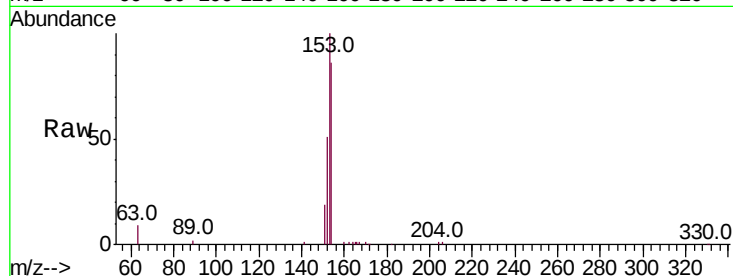
Tot Ion:154 Resp: 14198

Ion Ratio Lower Upper

154 100

153 111.5 87.0 130.4

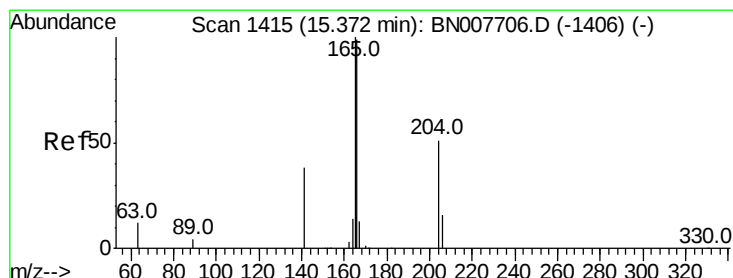
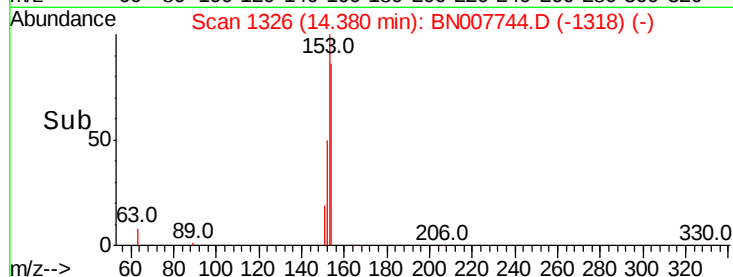
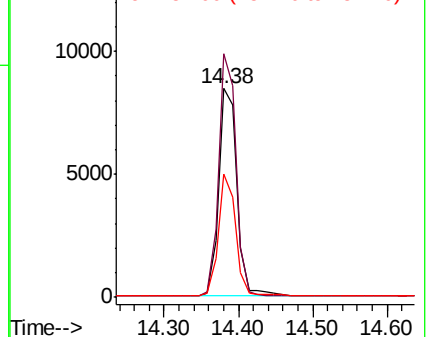
152 55.6 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.278 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

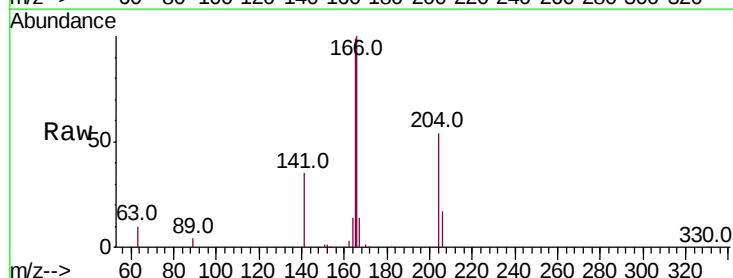
Tgt Ion:166 Resp: 17991

Ion Ratio Lower Upper

166 100

165 98.3 78.0 117.0

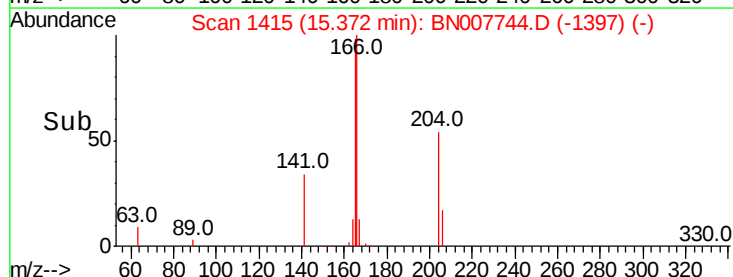
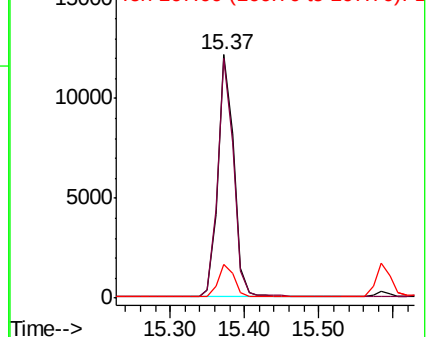
167 13.8 10.9 16.3

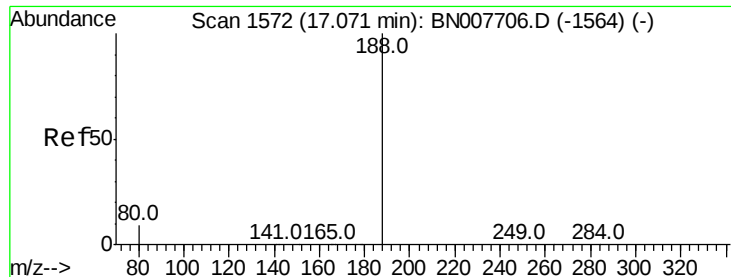


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :

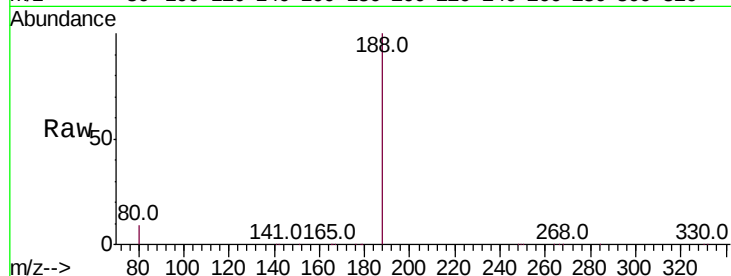
Tot Ion:188 Resp: 31291

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

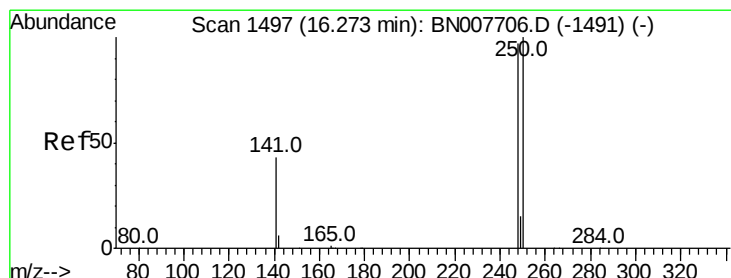
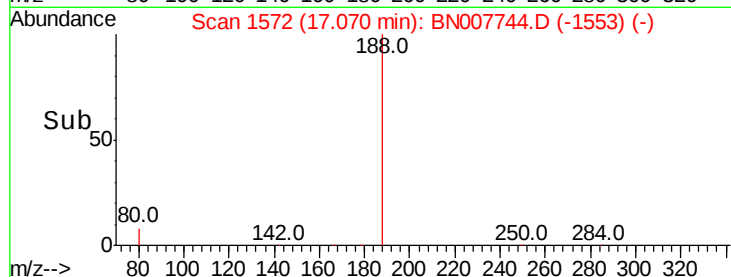
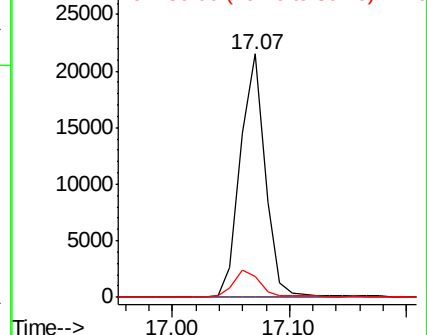
80 8.8 7.4 11.2



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: 0.308 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

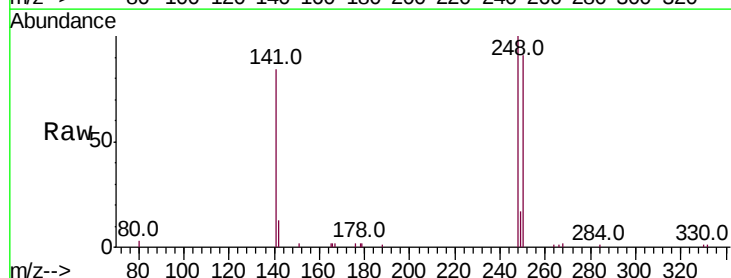
Tgt Ion:248 Resp: 5848

Ion Ratio Lower Upper

248 100

250 90.7 82.2 123.4

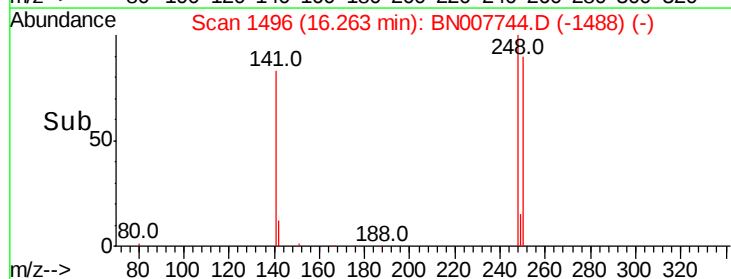
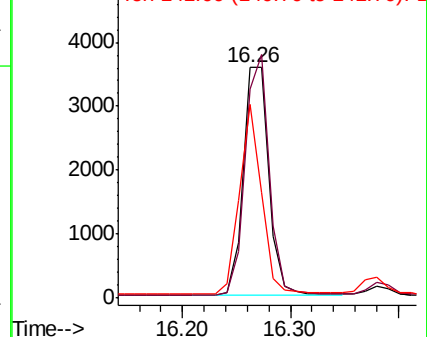
141 84.0 36.3 54.5#

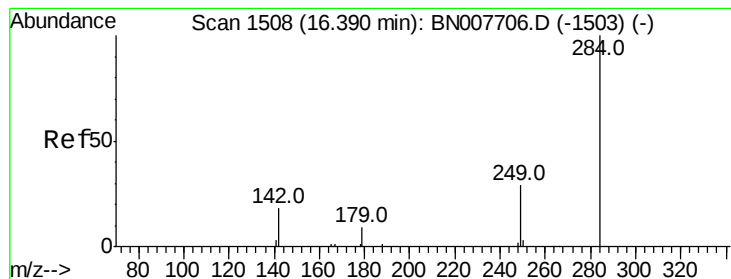


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.315 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :

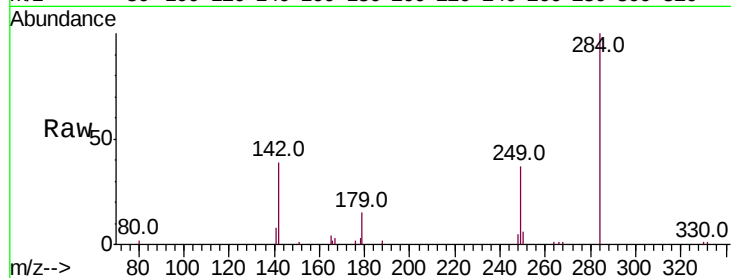
Tot Ion:284 Resp: 6535

Ion Ratio Lower Upper

284 100

142 34.2 25.8 38.6

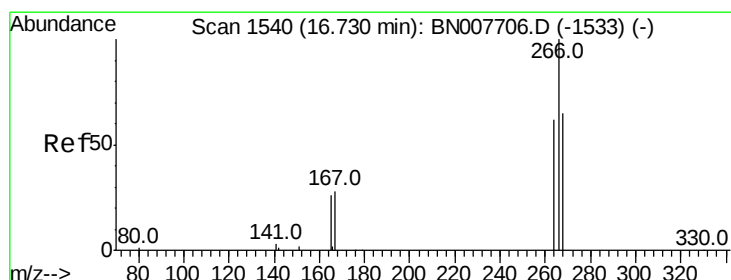
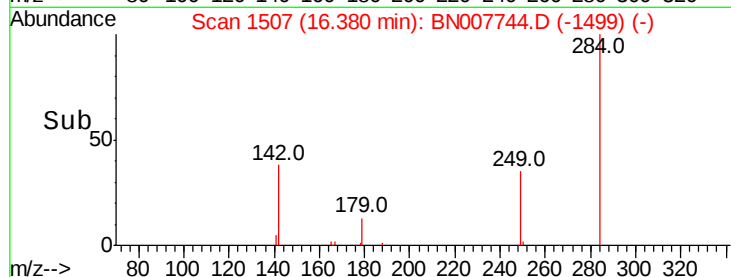
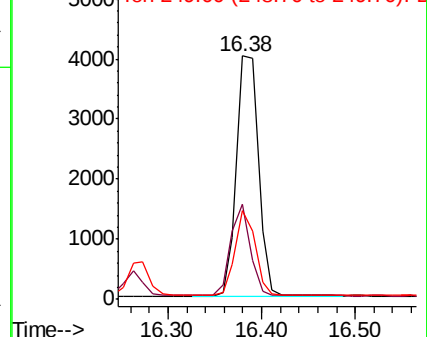
249 32.0 25.9 38.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.474 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

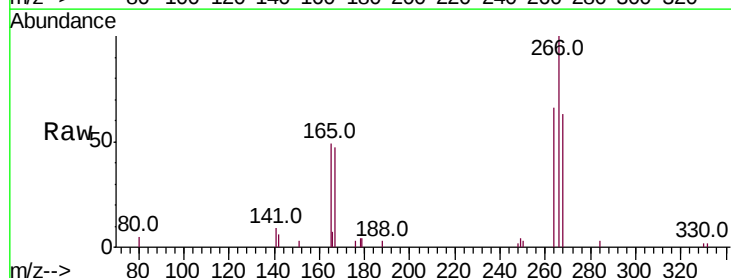
Tgt Ion:266 Resp: 3632

Ion Ratio Lower Upper

266 100

264 65.6 50.0 75.0

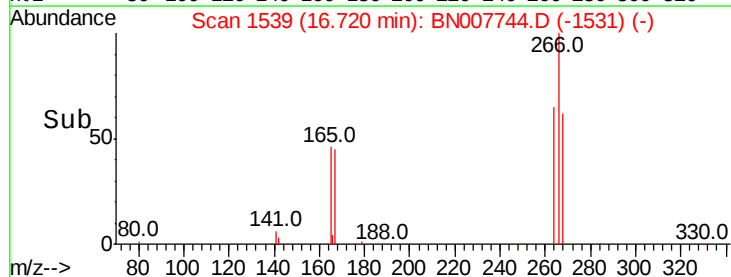
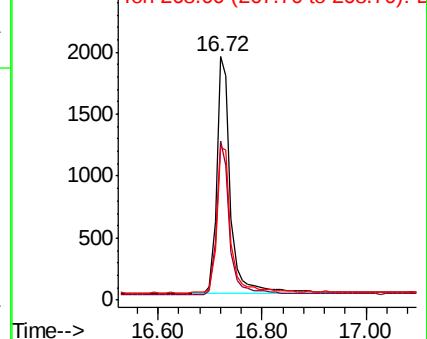
268 62.9 54.2 81.4

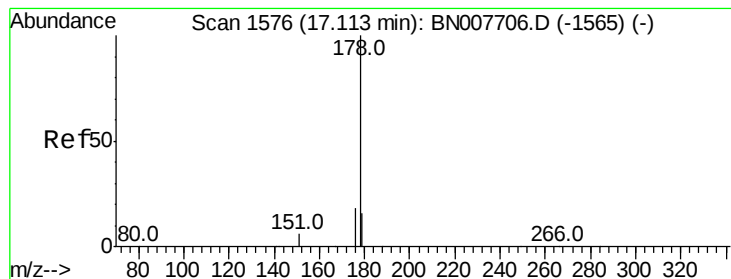


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.317 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampled :

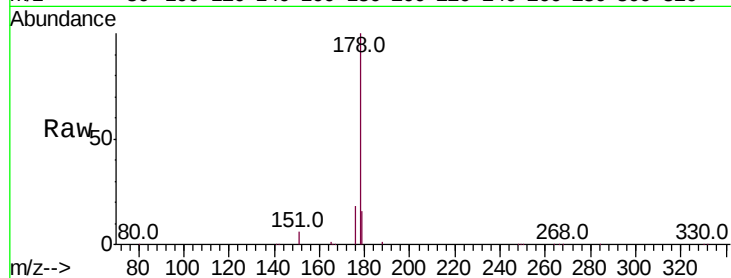
Tot Ion:178 Resp: 30923

Ion Ratio Lower Upper

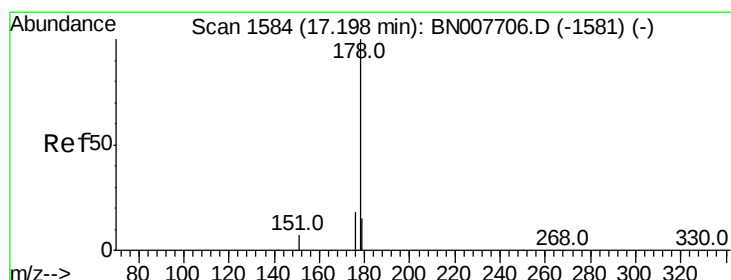
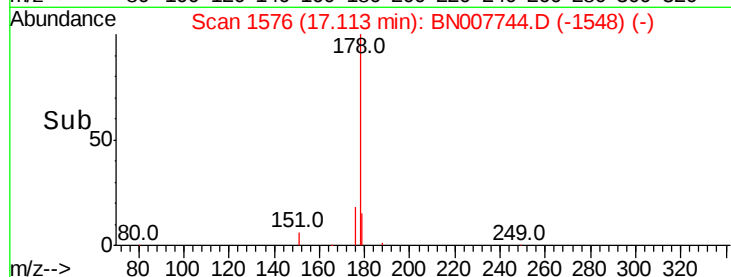
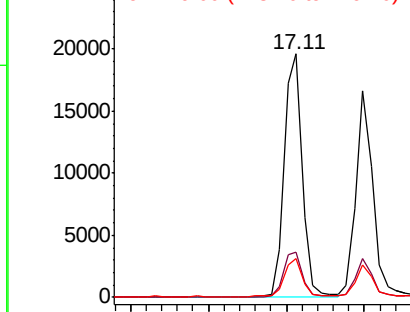
178 100

176 18.7 14.9 22.3

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



#24

Anthracene

Concen: 0.284 ng

RT: 17.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

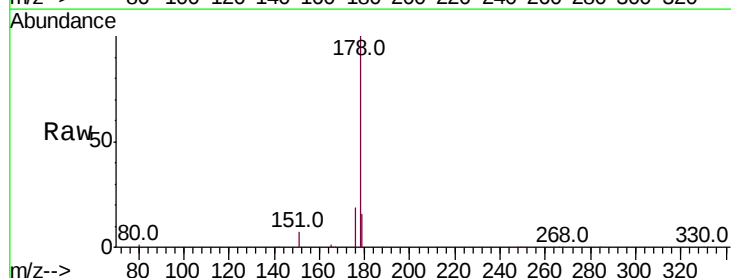
Tgt Ion:178 Resp: 24967

Ion Ratio Lower Upper

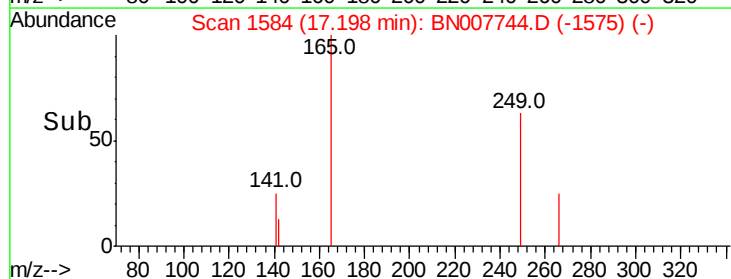
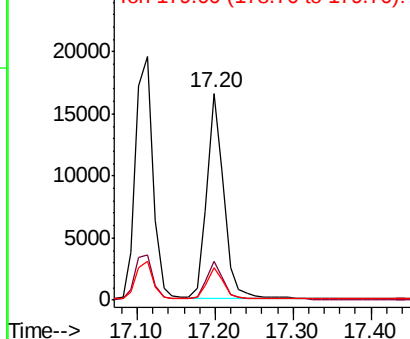
178 100

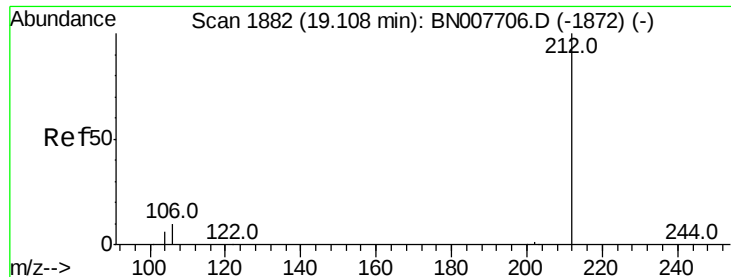
176 18.0 14.6 21.8

179 15.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.285 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :

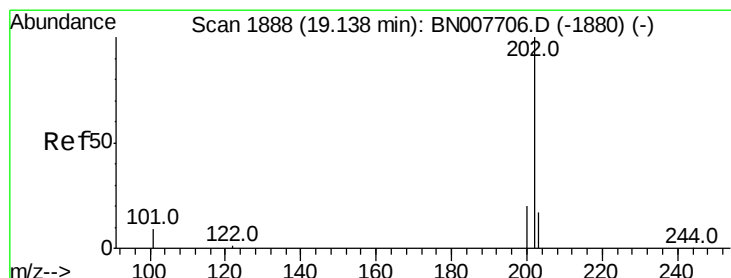
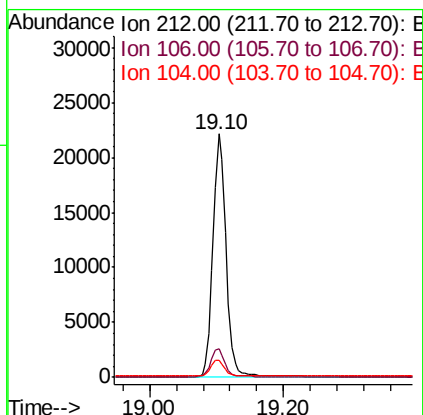
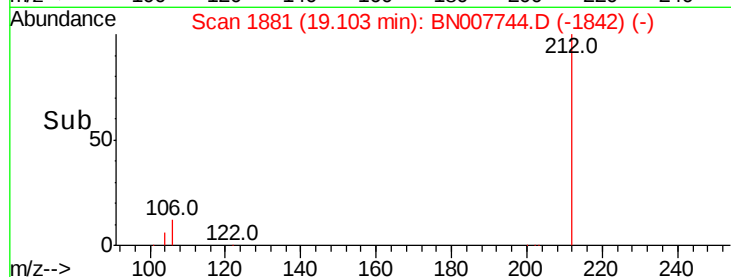
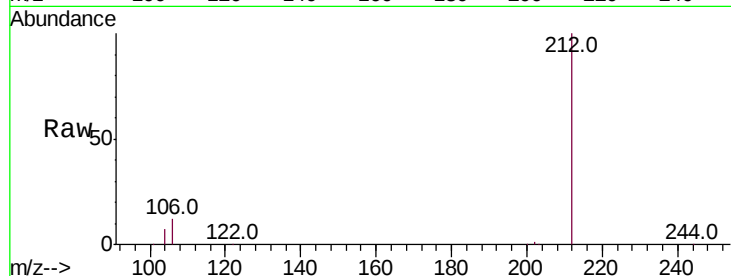
Tot Ion:212 Resp: 30084

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

104 6.6 5.3 7.9



#26

Fluoranthene

Concen: 0.280 ng

RT: 19.13 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

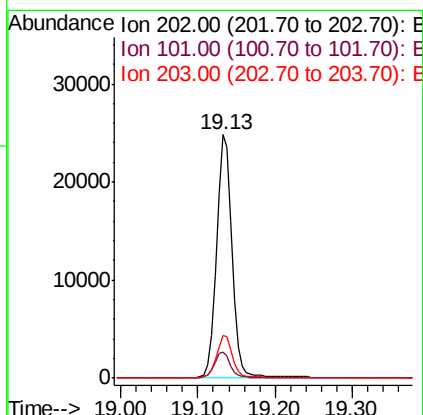
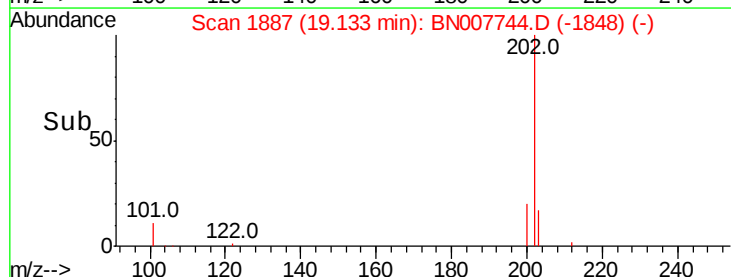
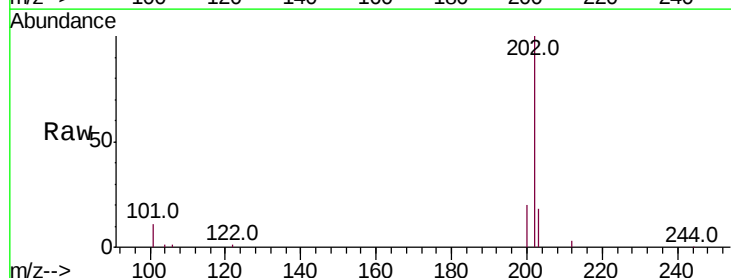
Tgt Ion:202 Resp: 33991

Ion Ratio Lower Upper

202 100

101 10.8 8.4 12.6

203 17.4 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampled :

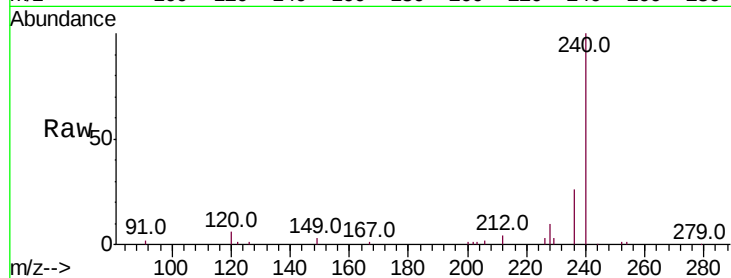
Tot Ion:240 Resp: 28038

Ion Ratio Lower Upper

240 100

120 5.8 5.4 8.2

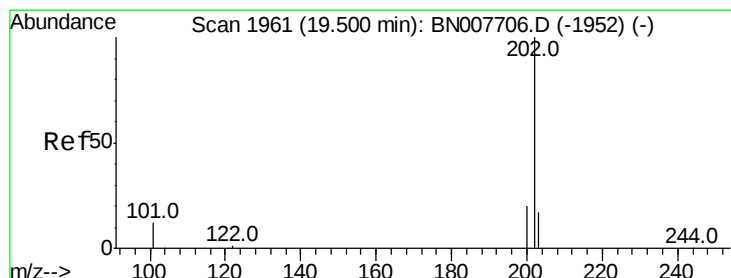
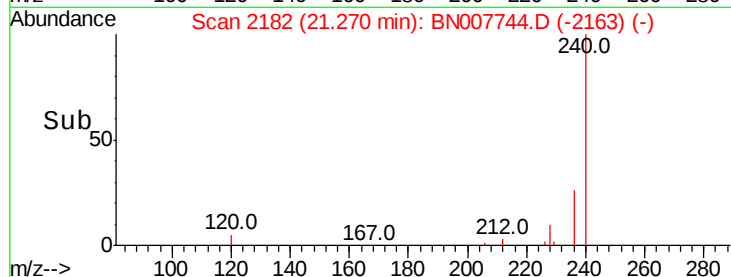
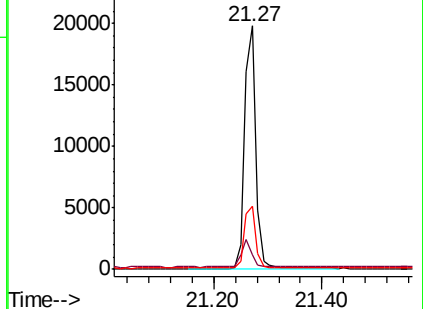
236 26.1 21.0 31.4



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: 0.328 ng

RT: 19.50 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

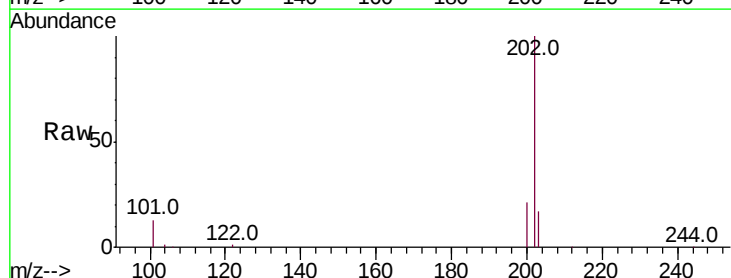
Tgt Ion:202 Resp: 31354

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

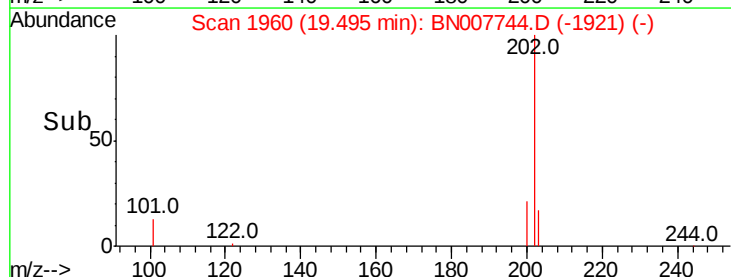
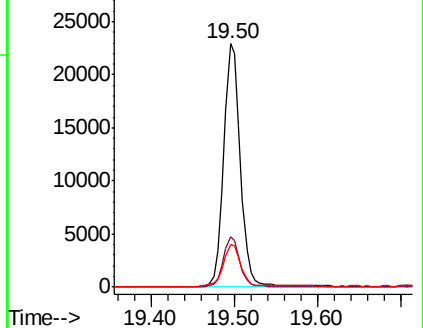
203 17.9 14.1 21.1

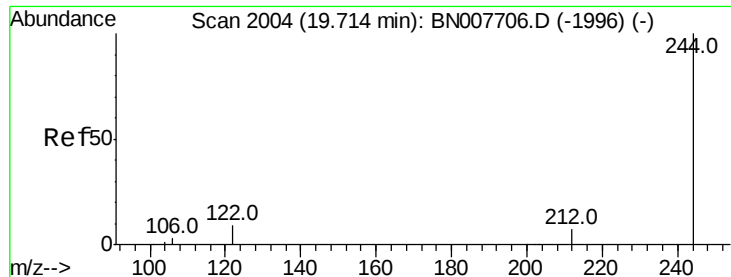


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.383 ng

RT: 19.71 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :

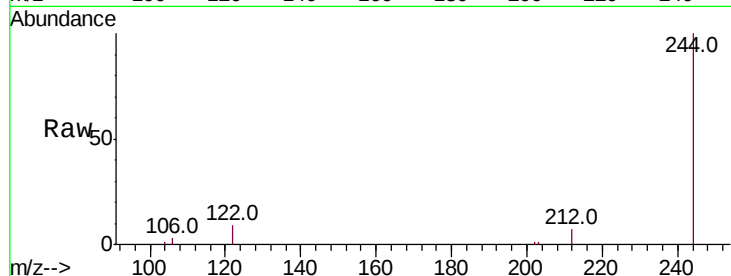
Tot Ion:244 Resp: 26378

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

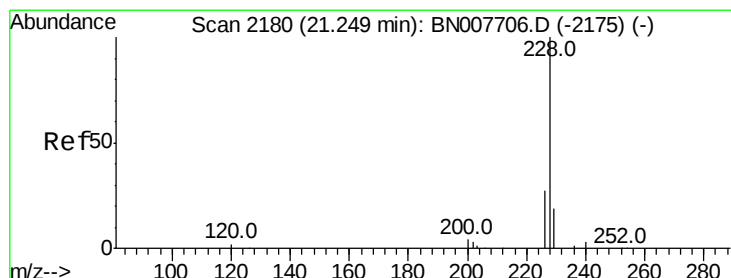
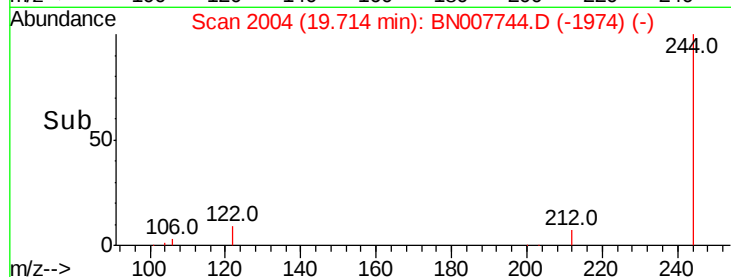
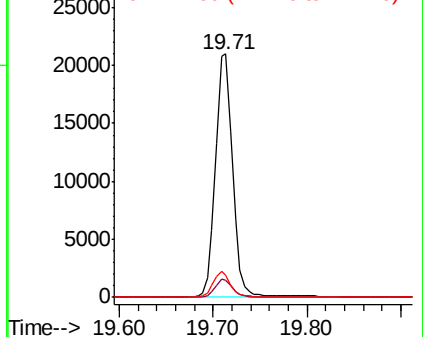
122 9.0 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.296 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

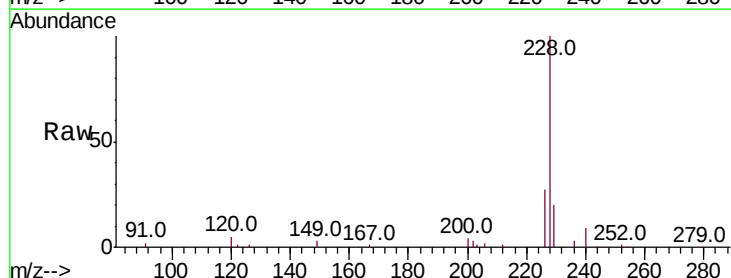
Tgt Ion:228 Resp: 30550

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

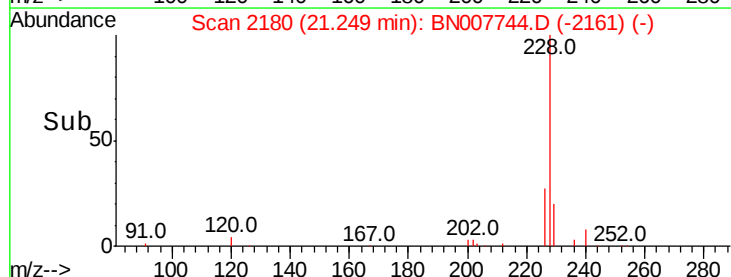
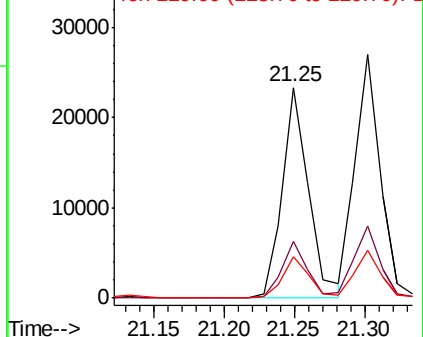
229 19.9 15.8 23.6

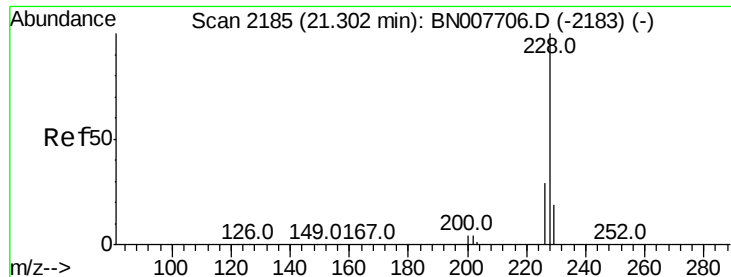


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.329 ng

RT: 21.30 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

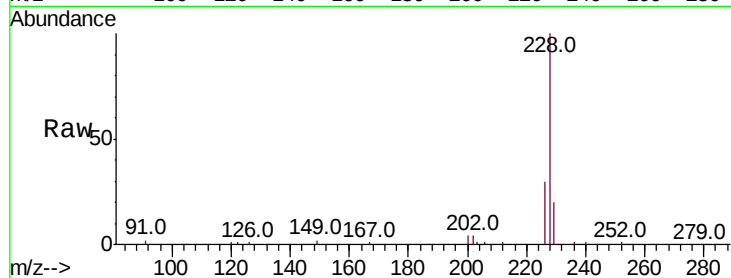
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 33109

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	19.9	15.8	23.6

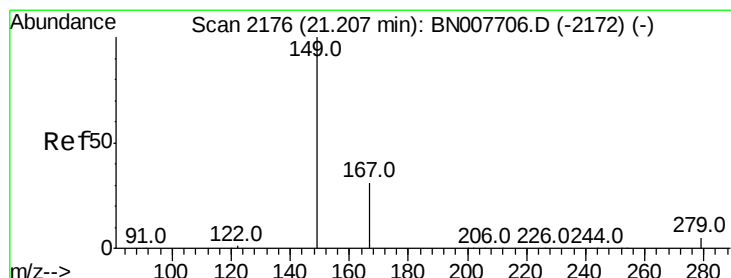
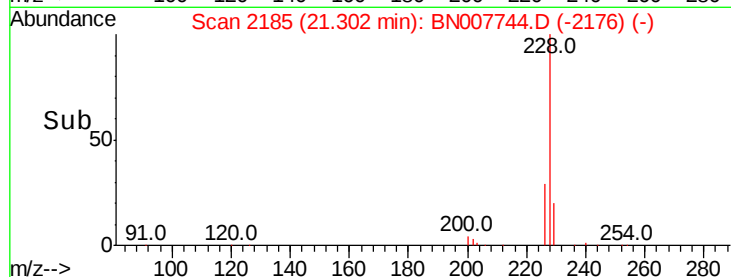
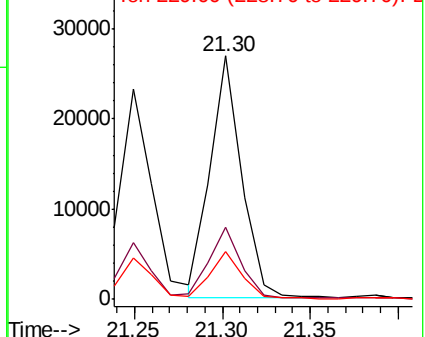


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.175 ng

RT: 21.20 min Scan# 2175

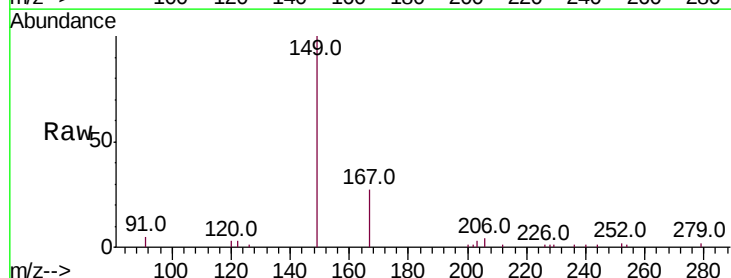
Delta R.T. -0.01 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Tgt Ion:149 Resp: 9267

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.7	35.5
279	5.0	4.2	6.2

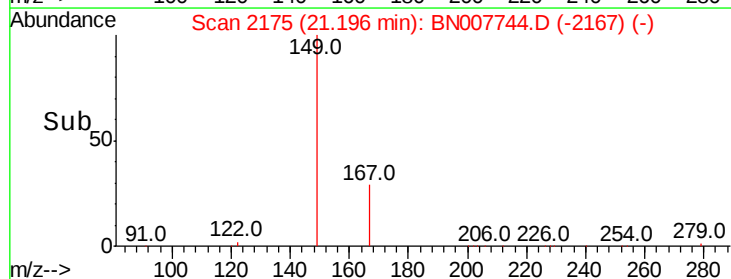
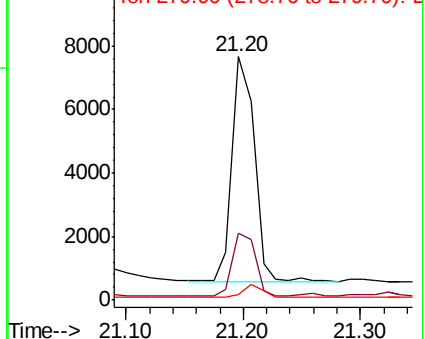


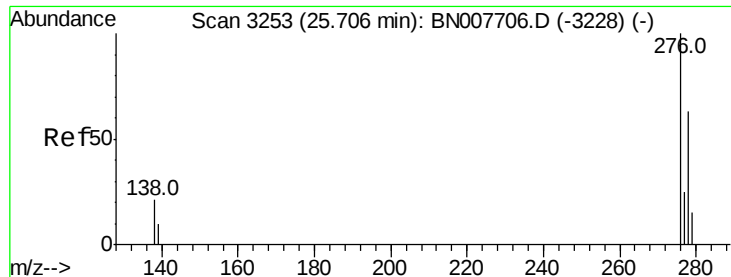
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.265 ng

RT: 25.70 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :

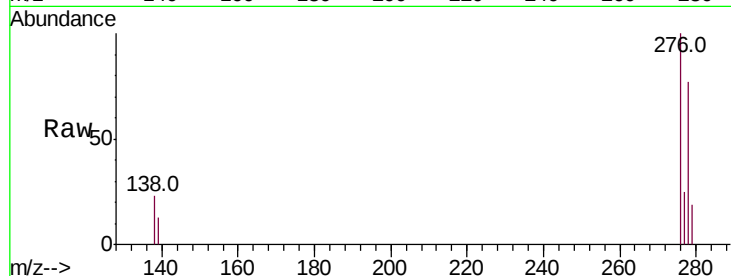
Tot Ion:276 Resp: 33338

Ion Ratio Lower Upper

276 100

138 22.6 17.1 25.7

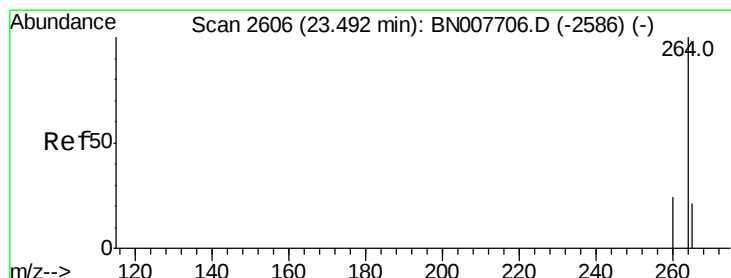
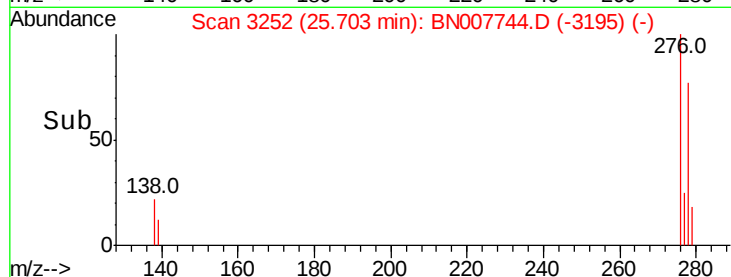
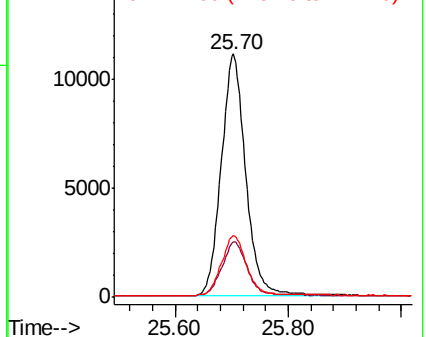
277 24.9 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.49 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

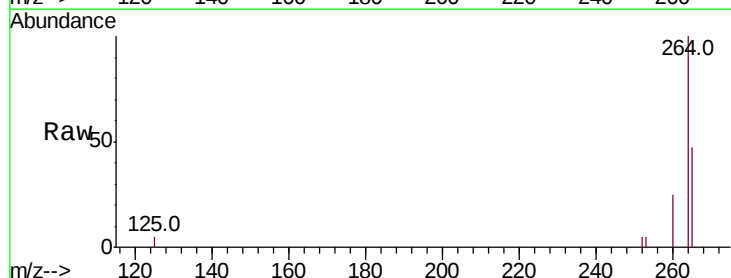
Tgt Ion:264 Resp: 16634

Ion Ratio Lower Upper

264 100

260 25.3 19.3 28.9

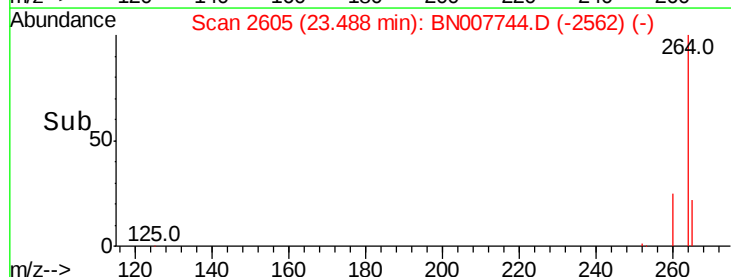
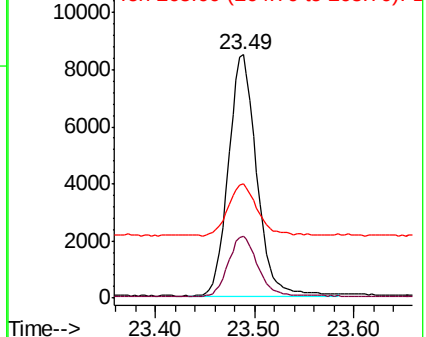
265 47.0 26.9 40.3#

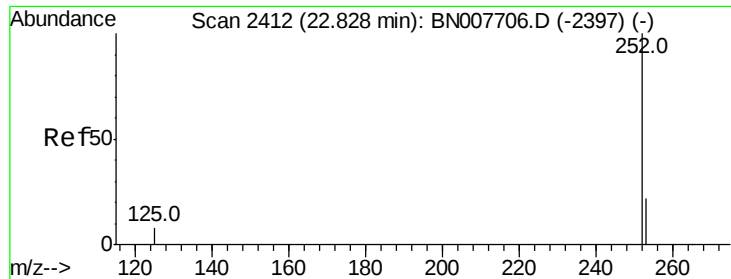


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.546 ng

RT: 22.82 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :

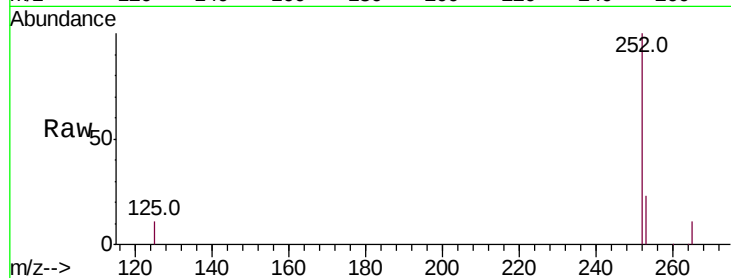
Tot Ion:252 Resp: 31552

Ion Ratio Lower Upper

252 100

253 23.4 18.3 27.5

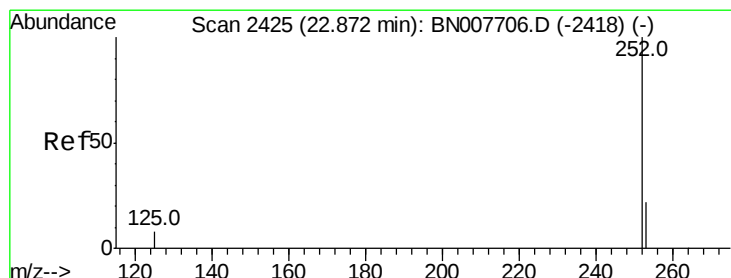
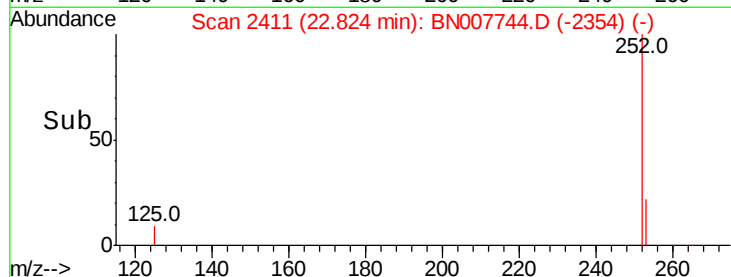
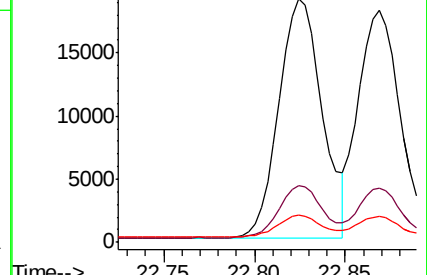
125 11.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.524 ng

RT: 22.87 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

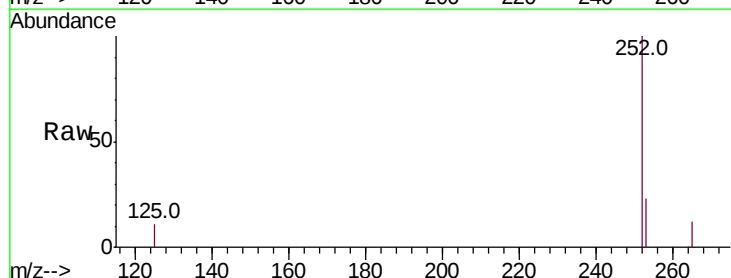
Tgt Ion:252 Resp: 29925

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

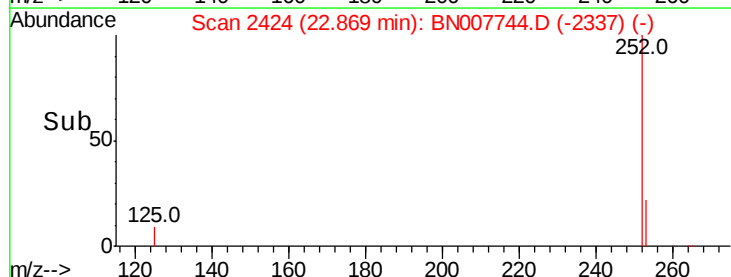
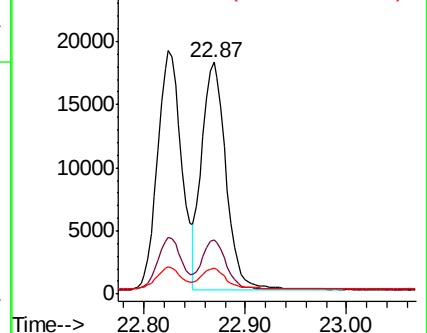
125 11.0 8.4 12.6

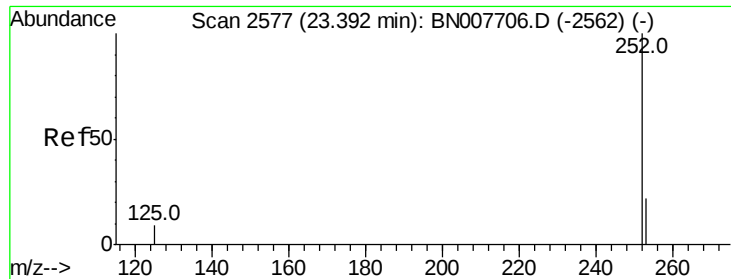


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.39 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :

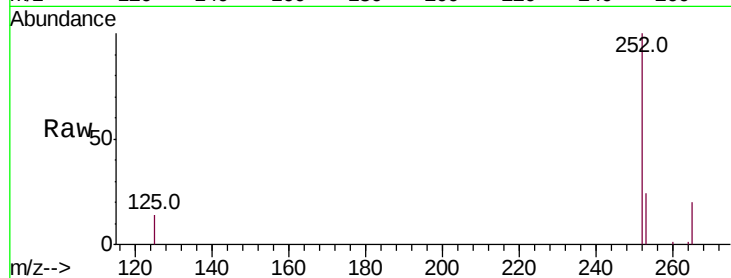
Tot Ion:252 Resp: 20952

Ion Ratio Lower Upper

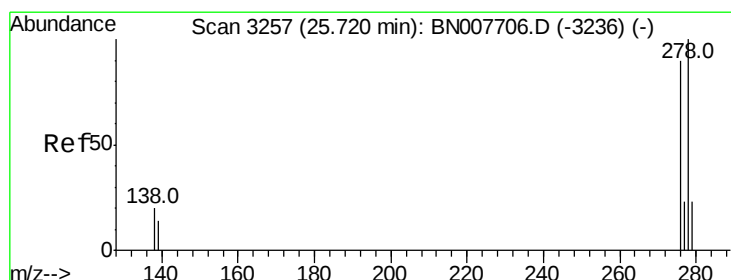
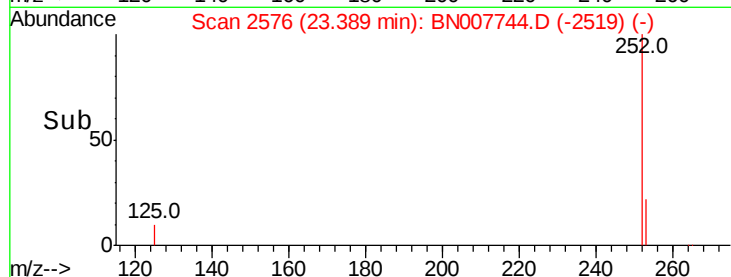
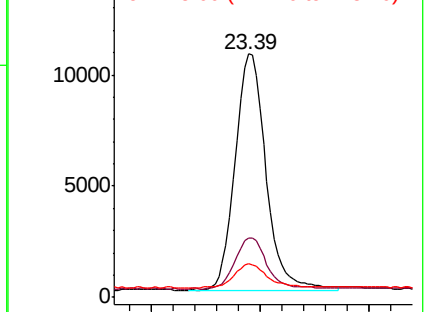
252 100

253 24.5 18.6 27.8

125 13.7 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.543 ng

RT: 25.72 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

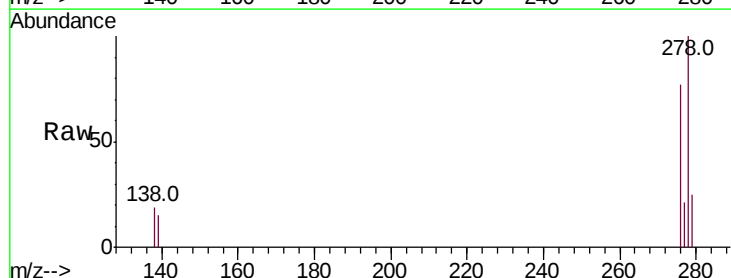
Tgt Ion:278 Resp: 30145

Ion Ratio Lower Upper

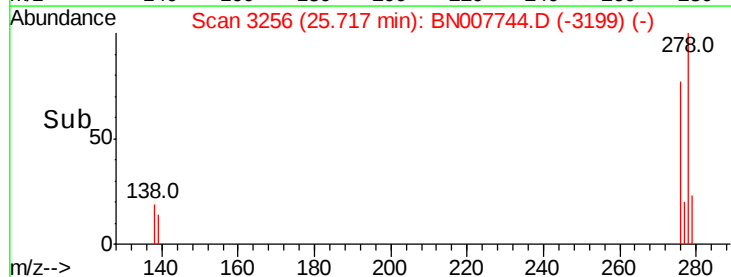
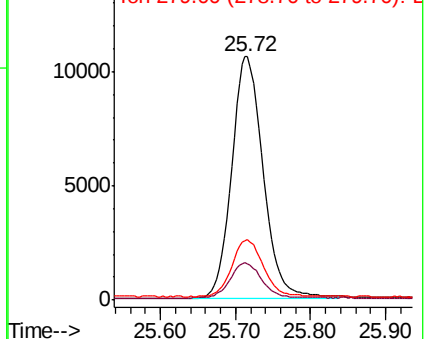
278 100

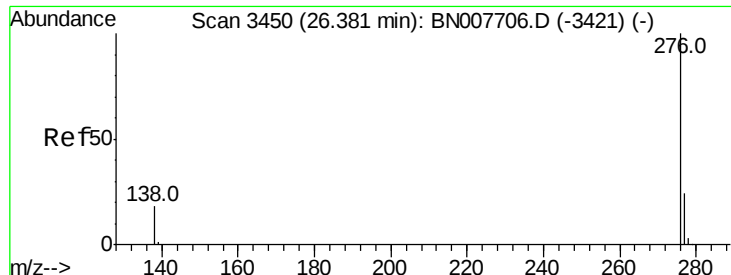
139 14.8 11.8 17.6

279 24.7 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.522 ng

RT: 26.37 min Scan# 3447

Delta R.T. -0.01 min

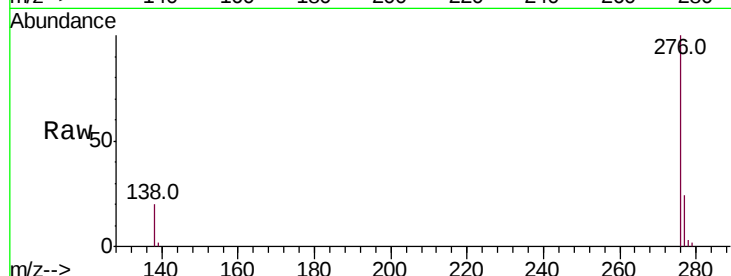
Lab File: BN007744.D

Acq: 19 Sep 2019 16:59

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 28672

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 19.9 15.1 22.7

