

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
 Data File : BN009807.D
 Acq On : 21 Feb 2020 14:32
 Operator : CG/JU
 Sample : PB126934BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 16:37:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1103	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3787	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	2431	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	5396	0.40	ng	-0.01
27) Chrysene-d12	21.02	240	4869	0.40	ng	-0.02
34) Perylene-d12	23.13	264	5196	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	985	0.40	ng	-0.02
5) Phenol-d6	6.64	99	1051	0.35	ng	0.00
8) Nitrobenzene-d5	8.58	82	1044	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	11.77	152	2771	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	358	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	3537	0.39	ng	-0.02
25) Fluoranthene-d10	18.84	212	6874	0.37	ng	-0.02
29) Terphenyl-d14	19.46	244	4364	0.38	ng	-0.02

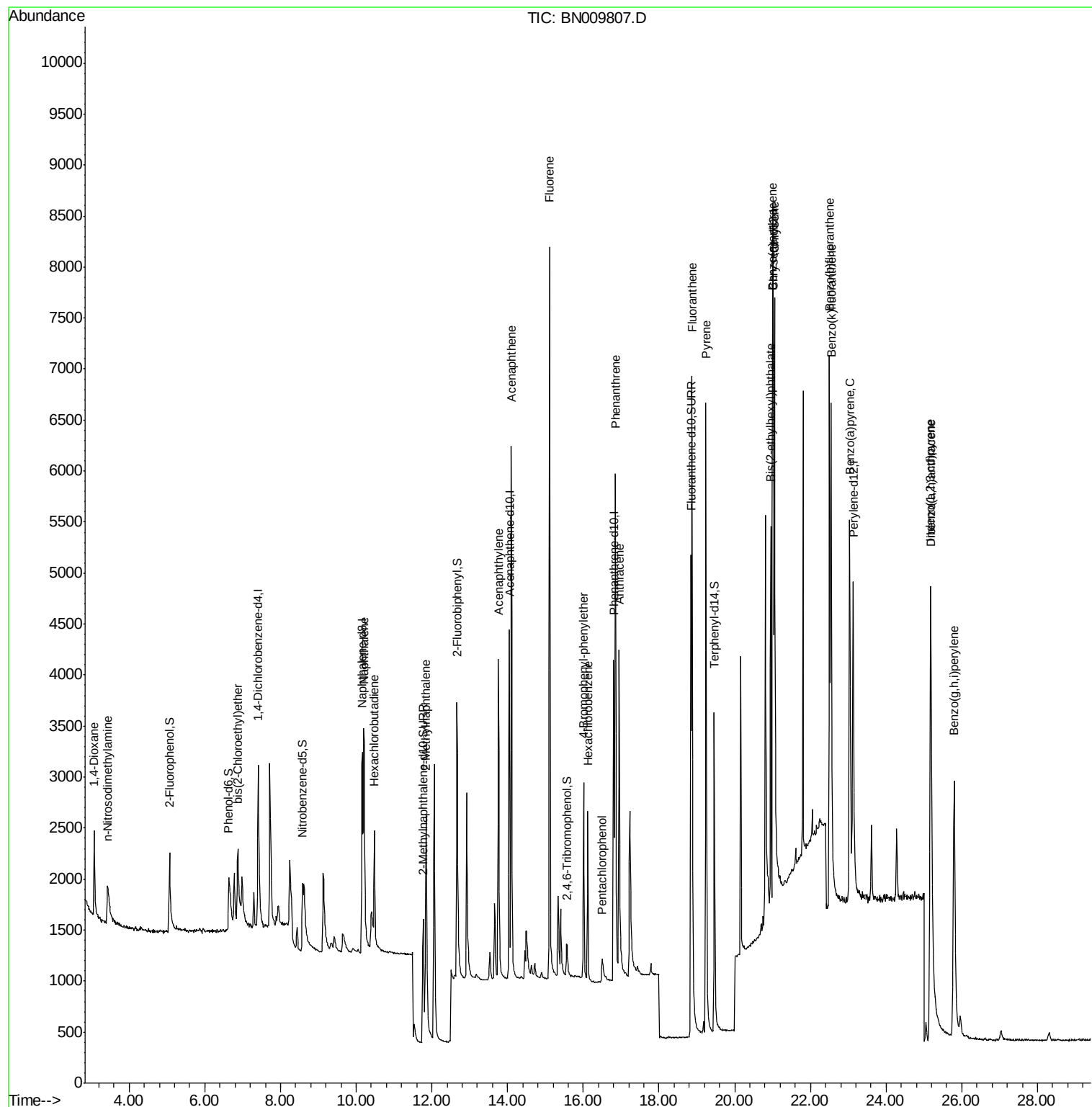
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	472	0.418	ng	96
3) n-Nitrosodimethylamine	3.43	42	704	0.380	ng	# 93
6) bis(2-Chloroethyl)ether	6.87	93	1152	0.397	ng	92
9) Naphthalene	10.20	128	4040	0.391	ng	99
10) Hexachlorobutadiene	10.48	225	887	0.390	ng	# 96
12) 2-Methylnaphthalene	11.85	142	2725	0.385	ng	99
16) Acenaphthylene	13.76	152	3897	0.376	ng	100
17) Acenaphthene	14.10	154	2806	0.385	ng	99
18) Fluorene	15.10	166	3654	0.380	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	1055	0.244	ng	94
21) Hexachlorobenzene	16.11	284	1313	0.391	ng	99
22) Pentachlorophenol	16.50	266	240	0.392	ng	95
23) Phenanthrene	16.85	178	5998	0.373	ng	100
24) Anthracene	16.94	178	4862	0.358	ng	99
26) Fluoranthene	18.87	202	7091	0.369	ng	99
28) Pyrene	19.24	202	7254	0.392	ng	100
30) Benzo(a)anthracene	21.00	228	5667	0.351	ng	100
31) Chrysene	21.06	228	7199	0.385	ng	98
32) Bis(2-ethylhexyl)phthalate	20.95	149	3384	0.429	ng	99
33) Indeno(1,2,3-cd)pyrene	25.17	276	7434	0.382	ng	99
35) Benzo(b)fluoranthene	22.51	252	6329	0.333	ng	98
36) Benzo(k)fluoranthene	22.55	252	7703	0.372	ng	99
37) Benzo(a)pyrene	23.04	252	6479	0.374	ng	# 88
38) Dibenzo(a,h)anthracene	25.19	278	5626	0.330	ng	98
39) Benzo(g,h,i)perylene	25.80	276	6639	0.365	ng	99

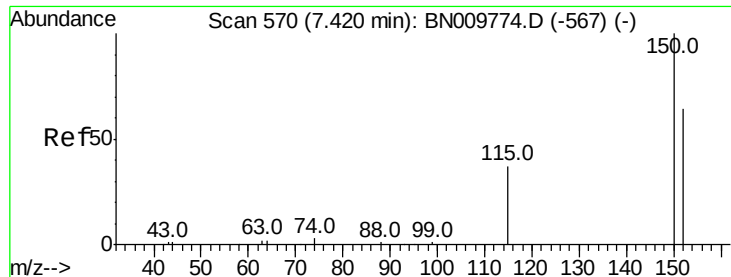
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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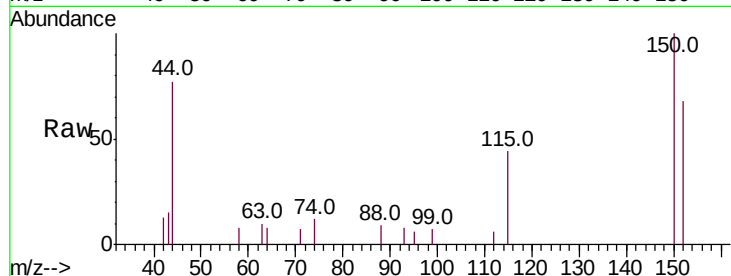


#1

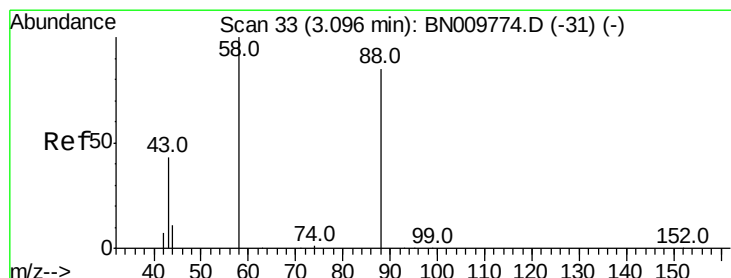
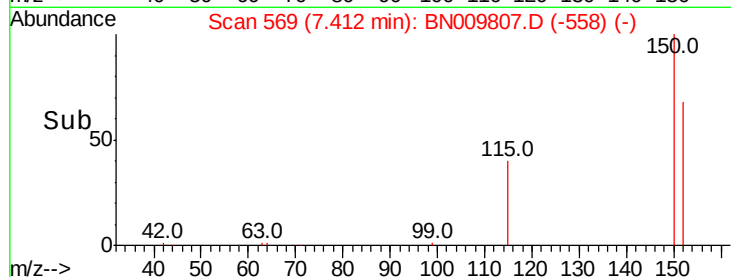
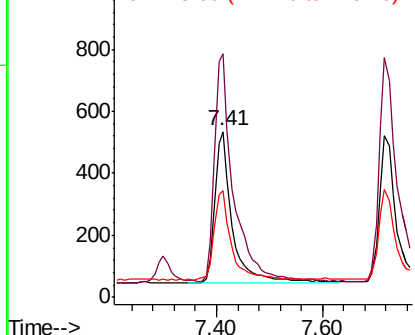
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1103
Ion Ratio Lower Upper
152 100
150 146.6 120.6 181.0
115 63.8 51.2 76.8



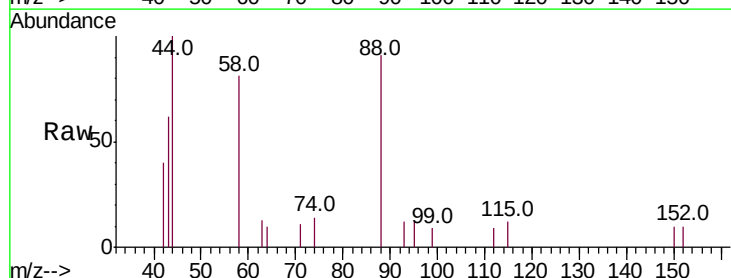
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



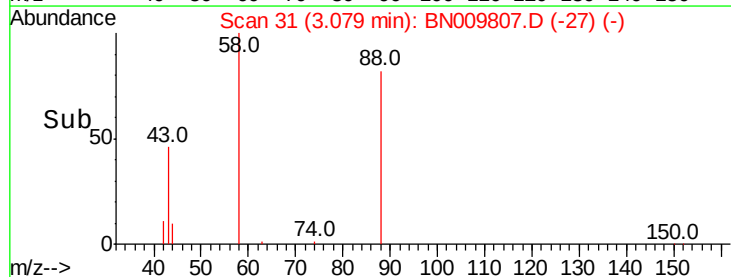
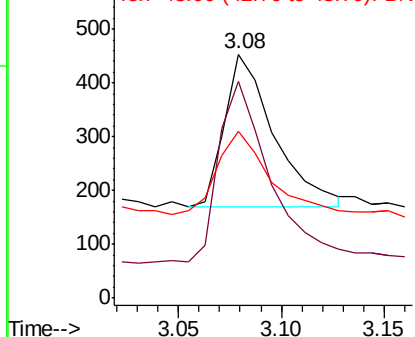
#2

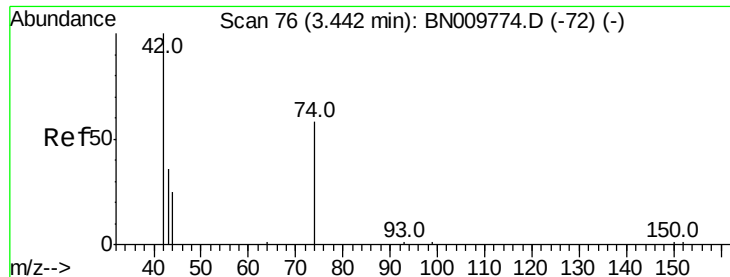
1,4-Dioxane
Concen: 0.418 ng
RT: 3.08 min Scan# 31
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion: 88 Resp: 472
Ion Ratio Lower Upper
88 100
58 124.4 97.8 146.8
43 51.1 45.1 67.7



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



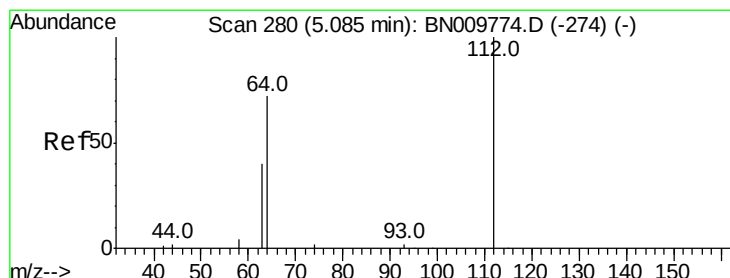
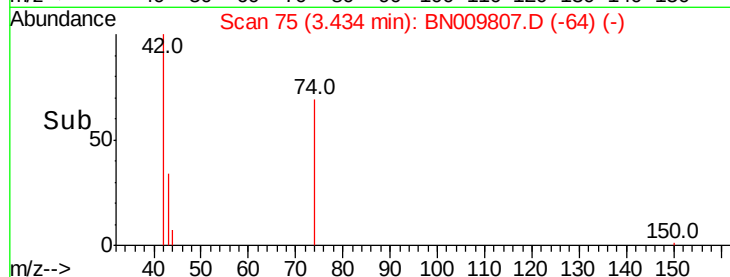
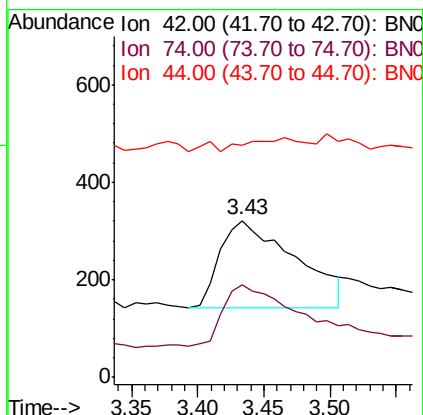
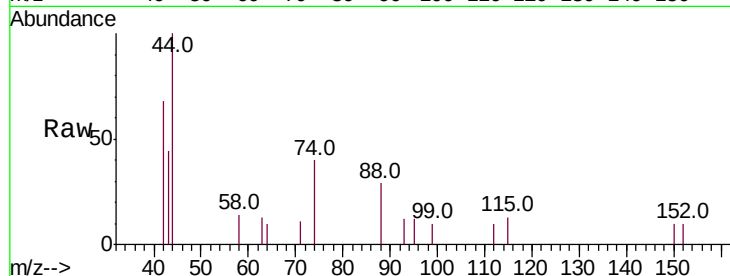


#3

n-Nitrosodimethylamine
 Concen: 0.380 ng
 RT: 3.43 min Scan# 75
 Delta R.T. -0.01 min
 Lab File: BN009807.D
 Acq: 21 Feb 2020 14:32

Instrument :
 BNA_N
 ClientSampled :

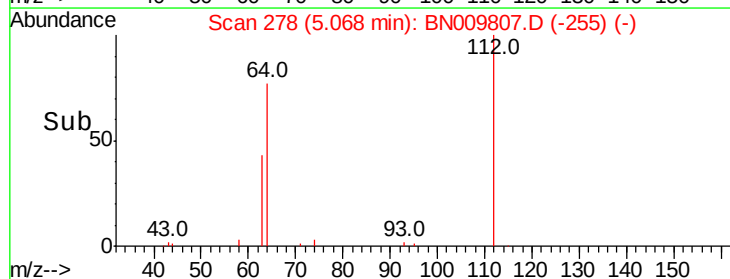
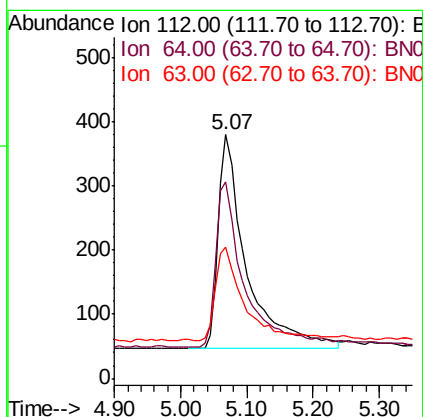
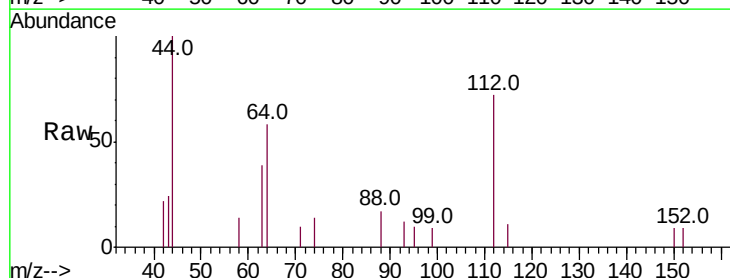
Tot Ion: 42 Resp: 704
 Ion Ratio Lower Upper
 42 100
 74 69.5 51.2 76.8
 44 0.0 2.6 4.0#

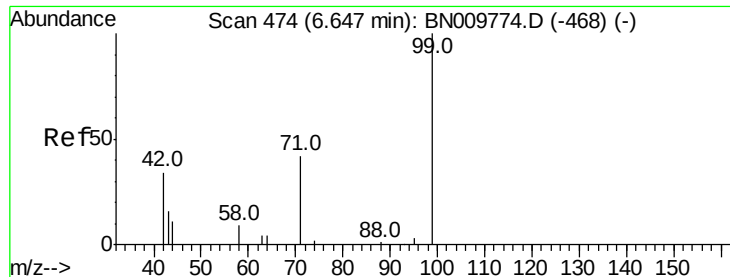


#4

2-Fluorophenol
 Concen: 0.402 ng
 RT: 5.07 min Scan# 278
 Delta R.T. -0.02 min
 Lab File: BN009807.D
 Acq: 21 Feb 2020 14:32

Tgt Ion: 112 Resp: 985
 Ion Ratio Lower Upper
 112 100
 64 76.4 65.8 98.6
 63 45.5 38.7 58.1





#5

Phenol-d6

Concen: 0.352 ng

RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampled :

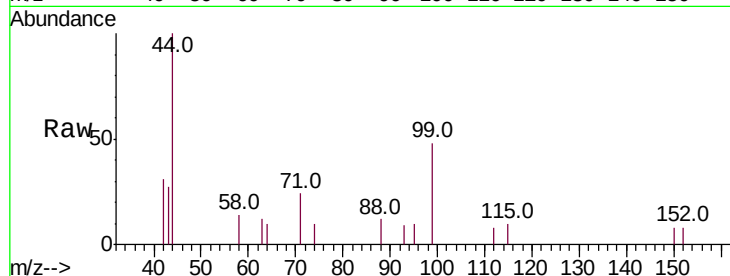
Tot Ion: 99 Resp: 1051

Ion Ratio Lower Upper

99 100

42 36.0 30.8 46.2

71 40.9 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN009774.D (-468) (-)

Ion 42.00 (41.70 to 42.70): BN009774.D (-468) (-)

Ion 71.00 (70.70 to 71.70): BN009774.D (-468) (-)

6.64

300

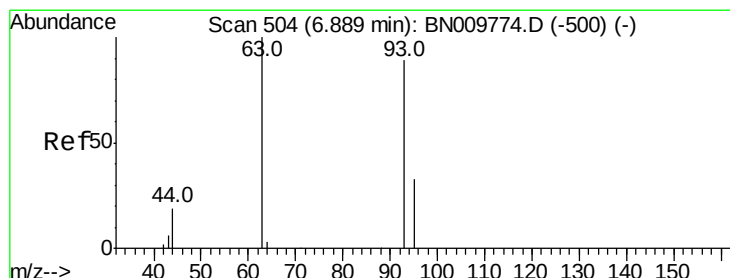
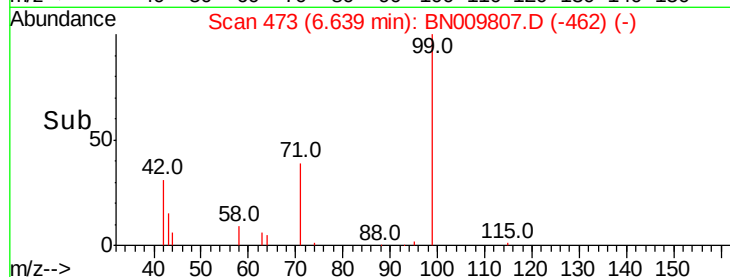
200

100

0

6.50 6.60 6.70 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.397 ng

RT: 6.87 min Scan# 502

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

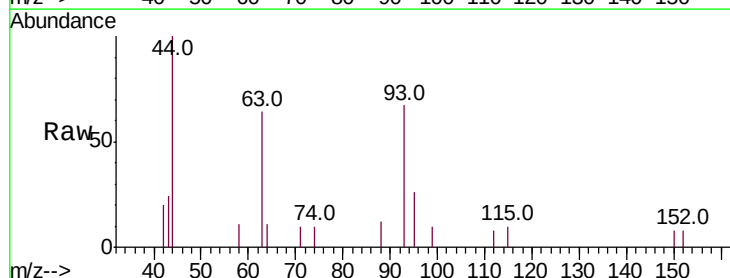
Tgt Ion: 93 Resp: 1152

Ion Ratio Lower Upper

93 100

63 84.5 74.0 111.0

95 29.9 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN009774.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN009774.D (-500) (-)

6.87

600

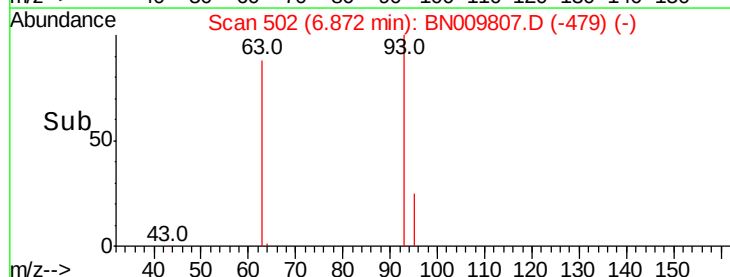
400

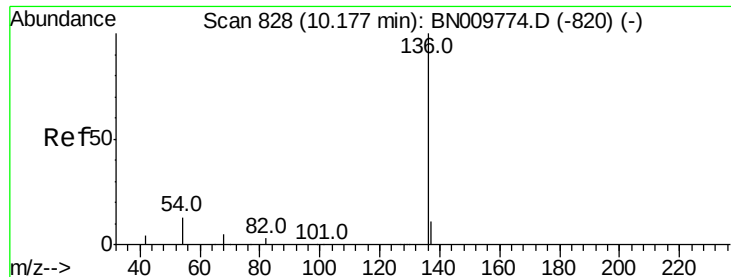
200

0

6.80 6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3787

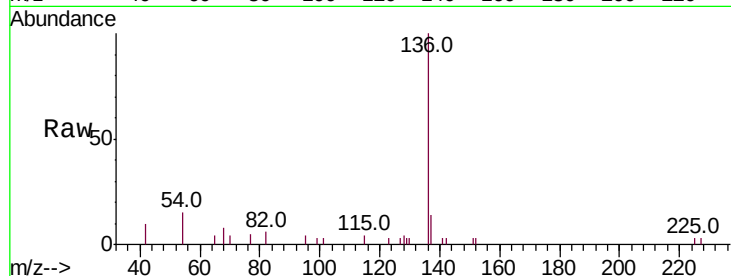
Ion Ratio Lower Upper

136 100

137 13.8 11.3 16.9

54 15.0 13.4 20.2

68 7.9 7.0 10.4

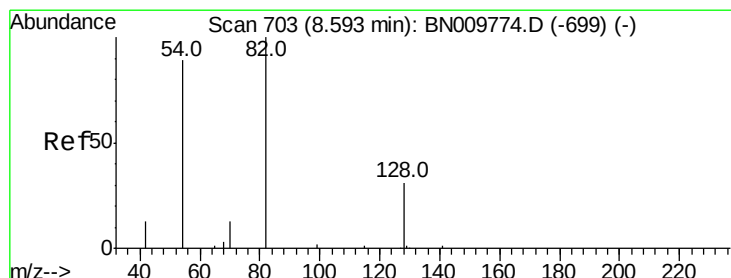
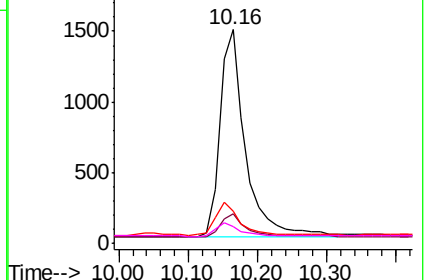
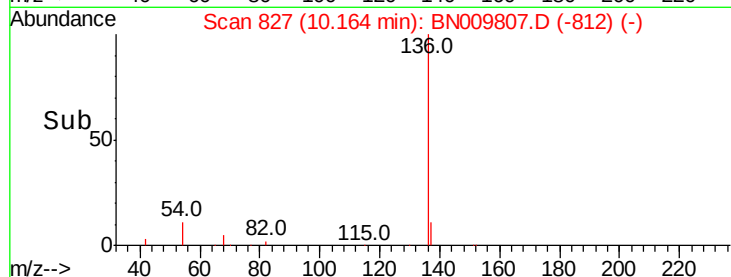


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.331 ng

RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

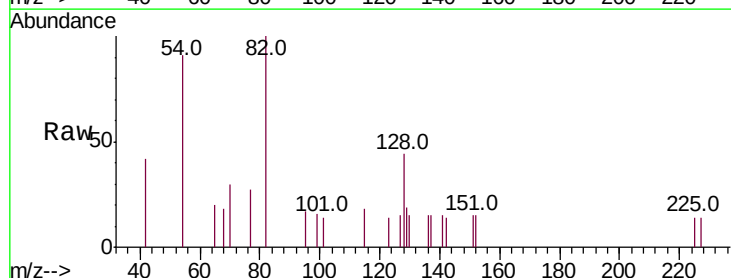
Tgt Ion: 82 Resp: 1044

Ion Ratio Lower Upper

82 100

128 44.3 32.5 48.7

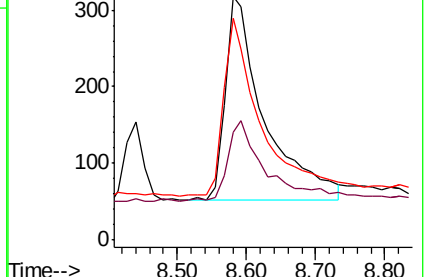
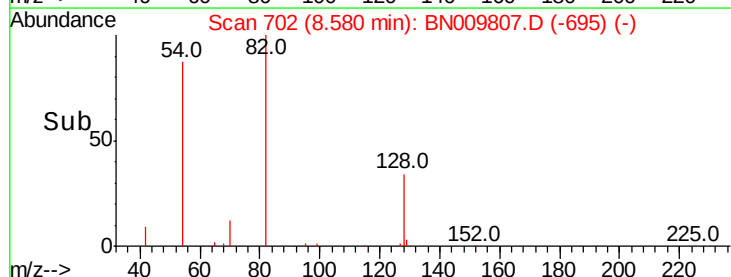
54 90.9 73.5 110.3

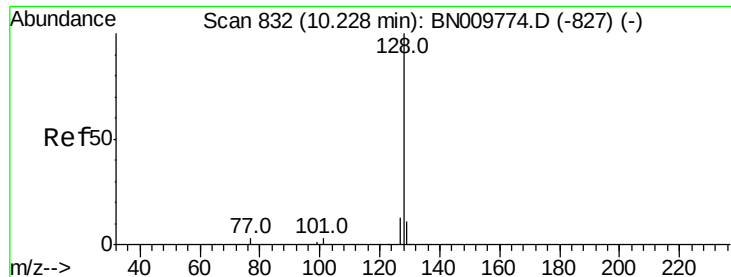


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.391 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampleId :

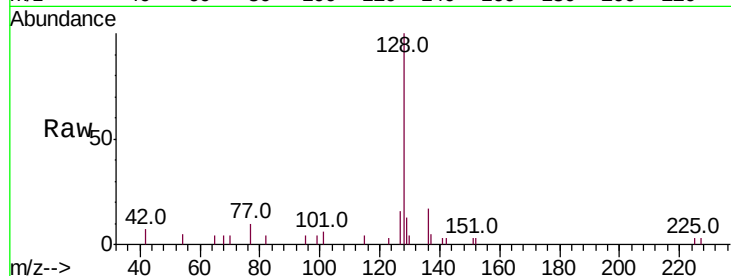
Tot Ion:128 Resp: 4040

Ion Ratio Lower Upper

128 100

129 13.4 11.1 16.7

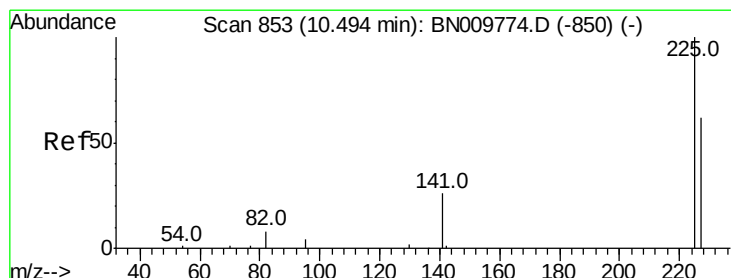
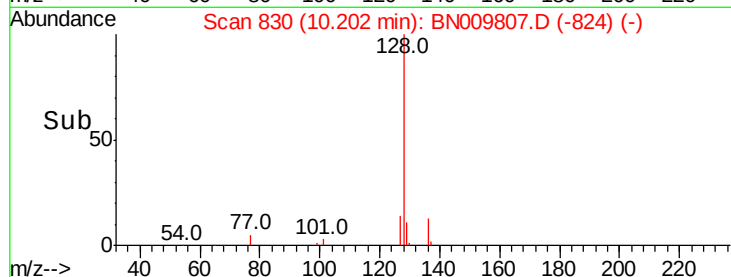
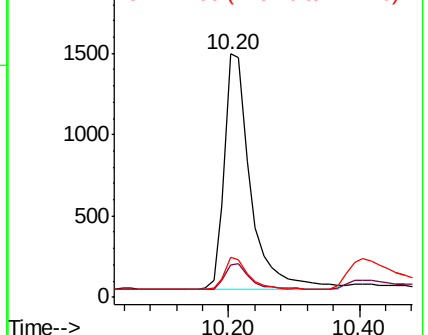
127 16.2 12.6 19.0



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: 0.390 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

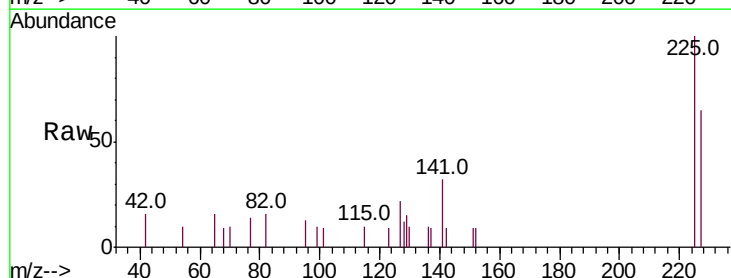
Tgt Ion:225 Resp: 887

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

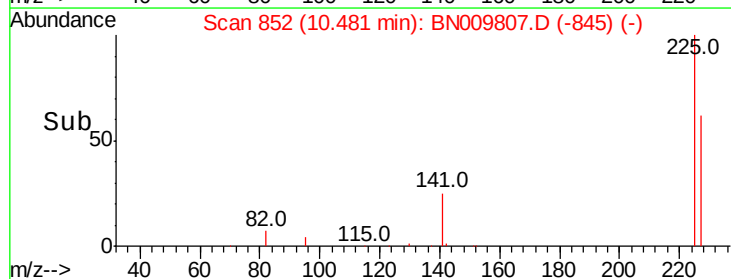
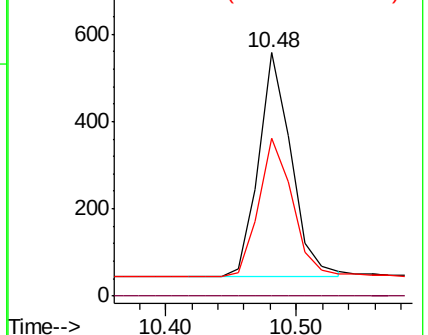
227 63.9 53.4 80.2

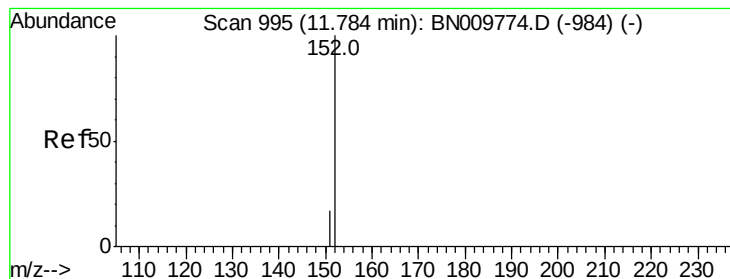


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 11.77 min Scan# 991

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

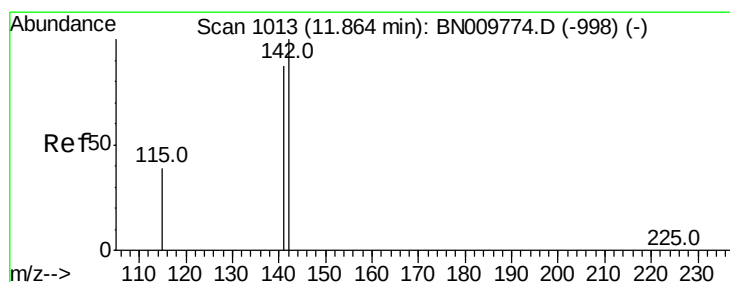
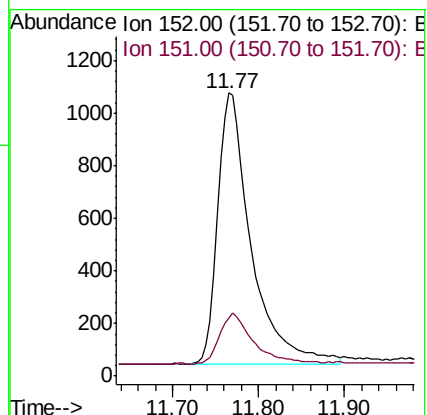
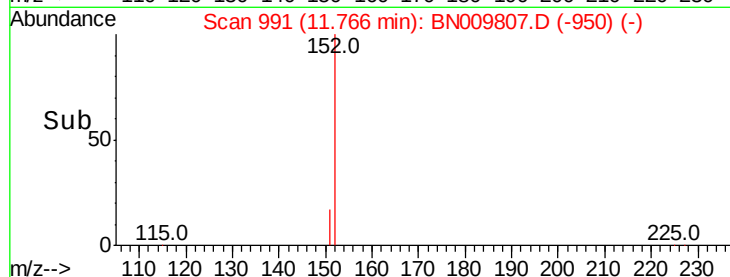
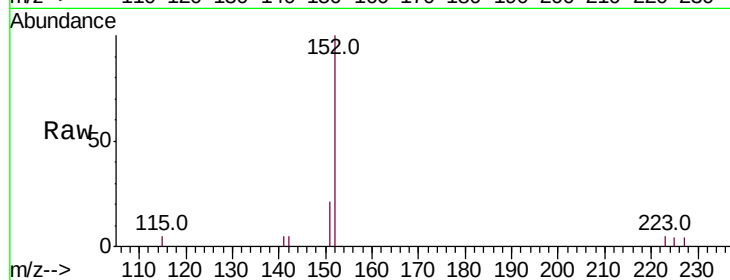
ClientSampleId :

Tot Ion:152 Resp: 2771

Ion Ratio Lower Upper

152 100

151 18.9 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.385 ng

RT: 11.85 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

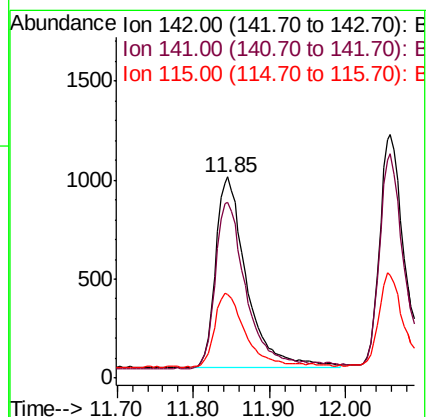
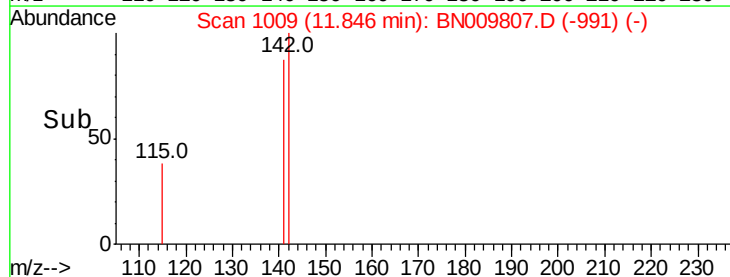
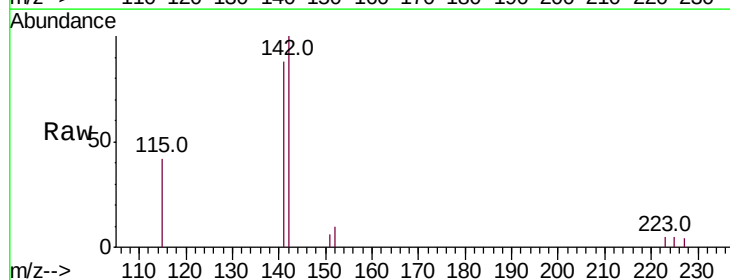
Tgt Ion:142 Resp: 2725

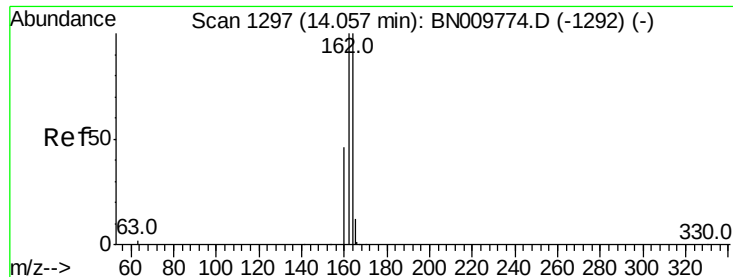
Ion Ratio Lower Upper

142 100

141 87.7 69.8 104.6

115 41.8 34.6 52.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampleId :

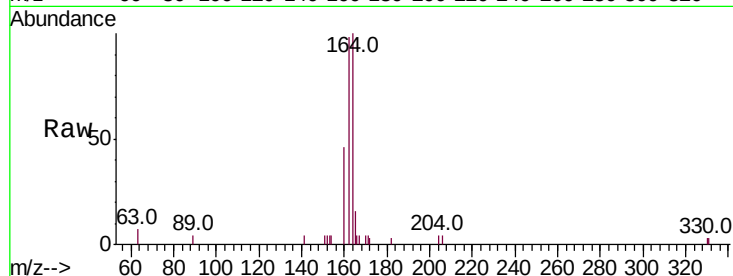
Tot Ion:164 Resp: 2431

Ion Ratio Lower Upper

164 100

162 98.1 79.9 119.9

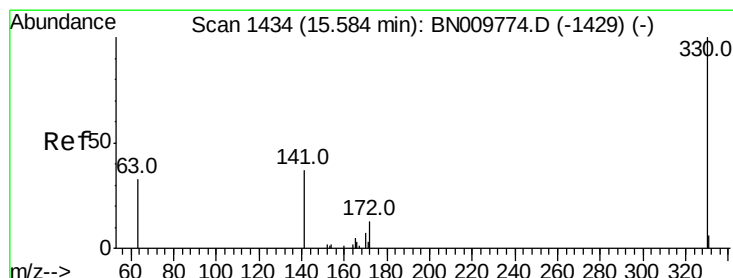
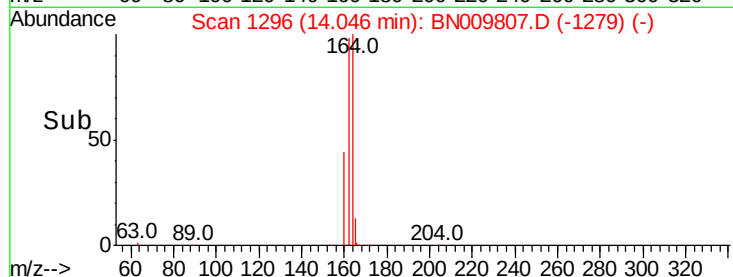
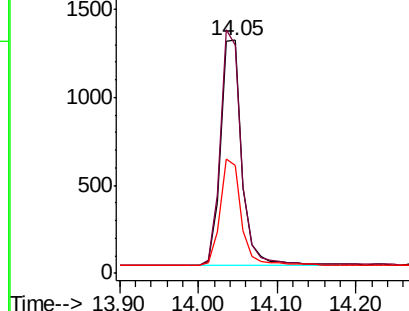
160 46.3 38.2 57.2



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: 0.382 ng

RT: 15.57 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

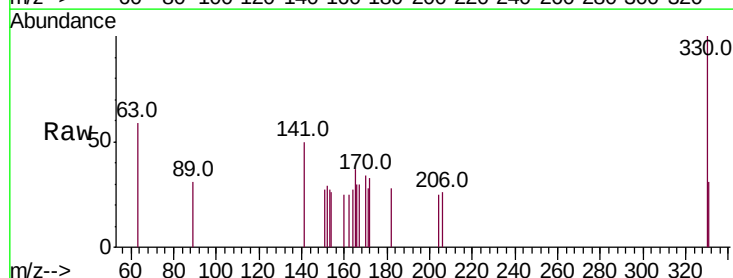
Tgt Ion:330 Resp: 358

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

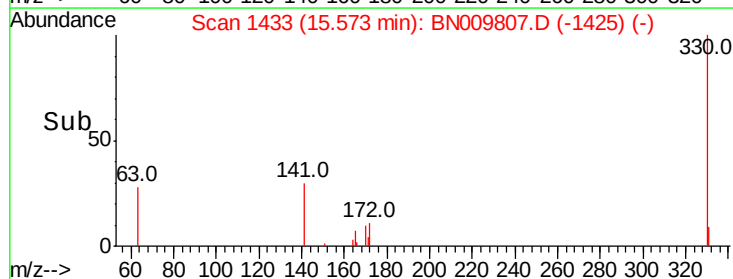
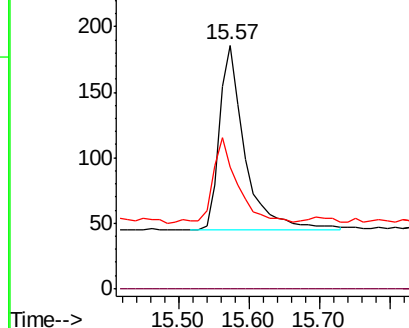
141 42.7 36.8 55.2

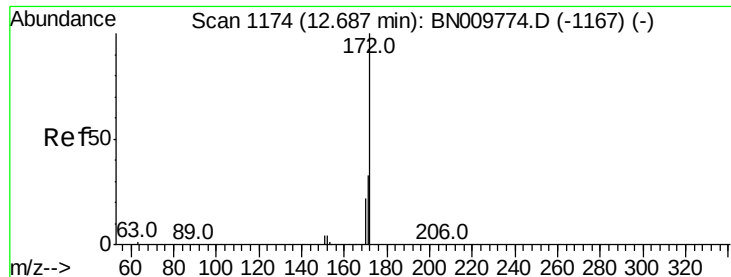


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

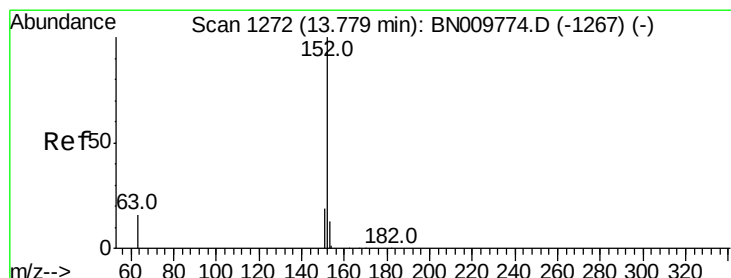
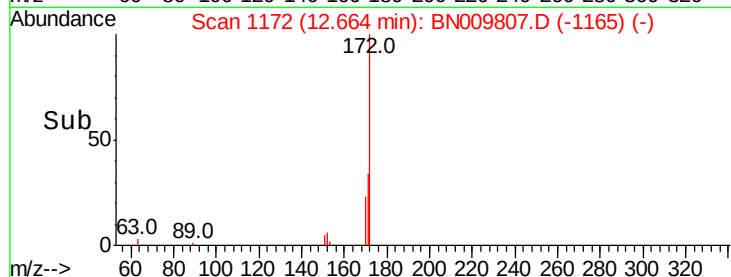
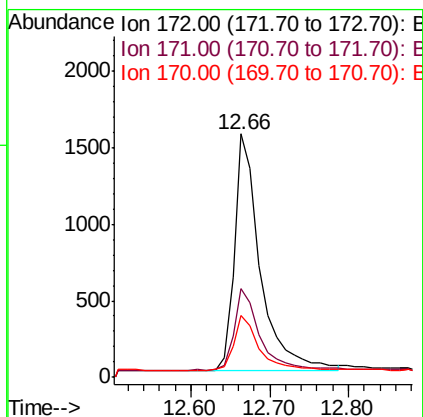
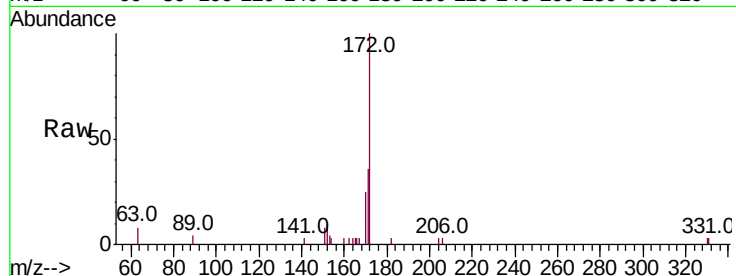




#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

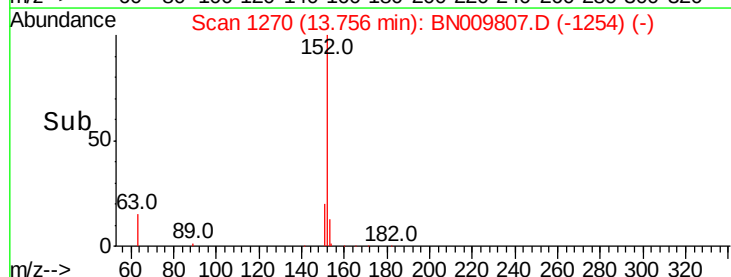
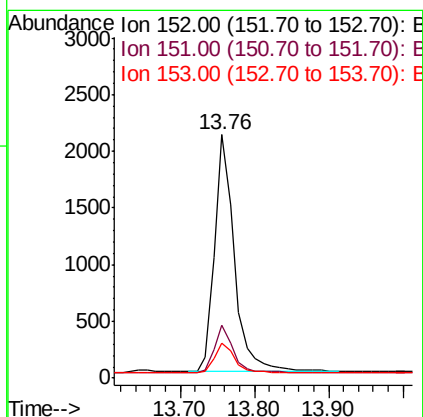
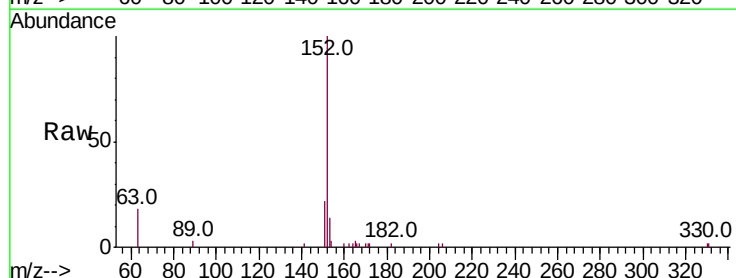
Instrument :
BNA_N
ClientSampleId :

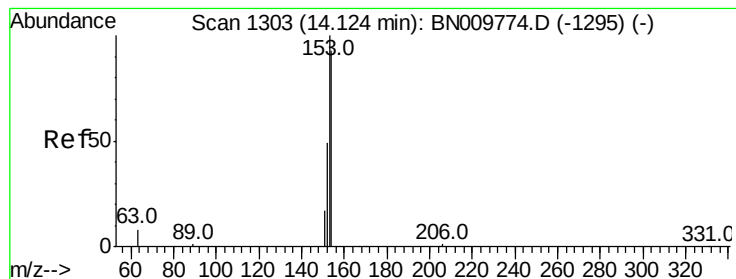
Tot Ion:172 Resp: 3537
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 25.3 20.1 30.1



#16
Acenaphthylene
Concen: 0.376 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:152 Resp: 3897
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.9 10.2 15.4





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampled :

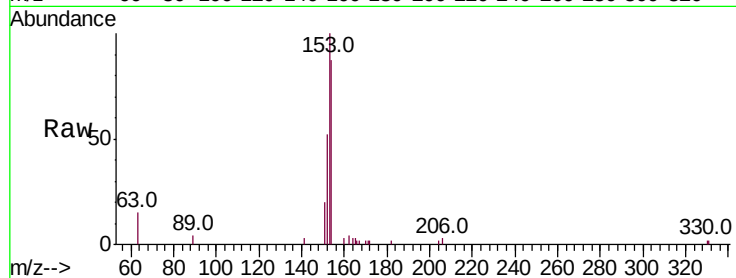
Tot Ion:154 Resp: 2806

Ion Ratio Lower Upper

154 100

153 113.0 88.9 133.3

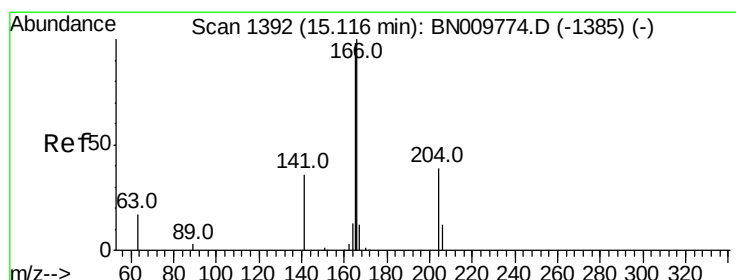
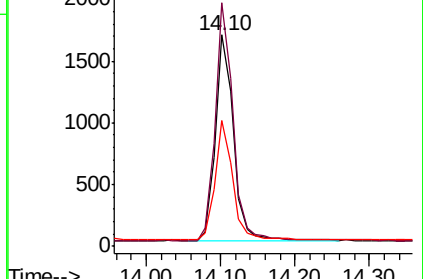
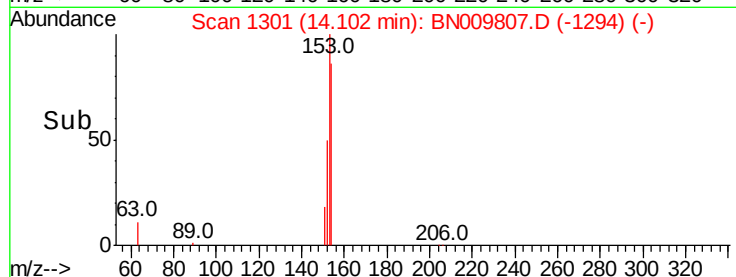
152 55.6 44.2 66.2



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: 0.380 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

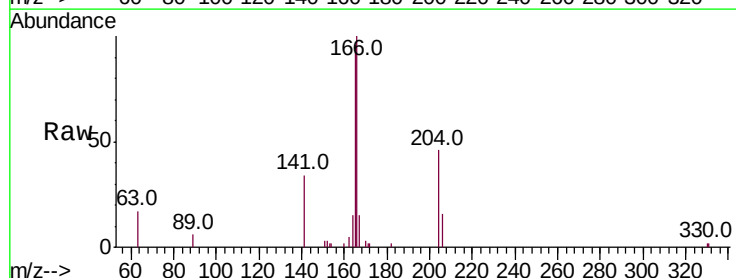
Tgt Ion:166 Resp: 3654

Ion Ratio Lower Upper

166 100

165 96.9 77.2 115.8

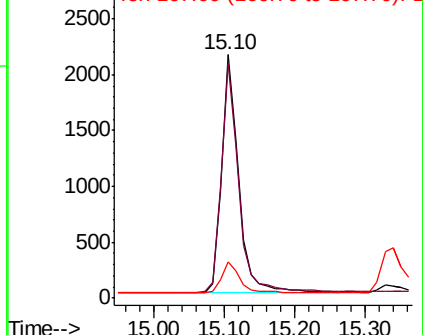
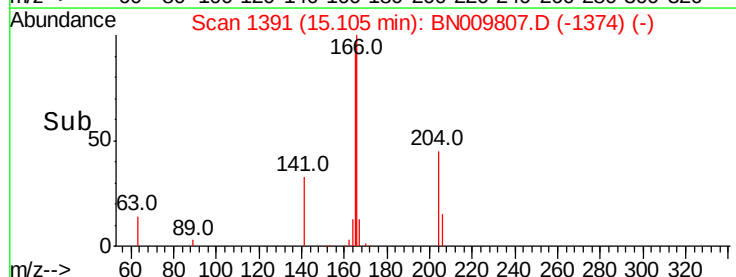
167 13.5 10.5 15.7

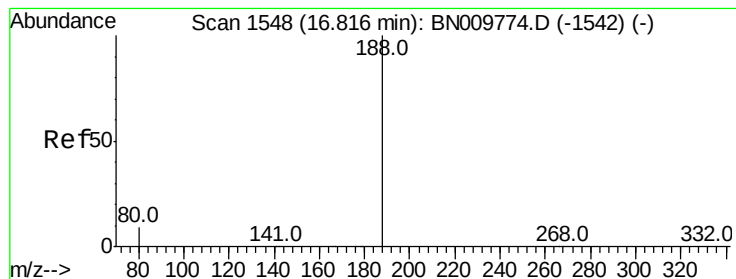


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampleId :

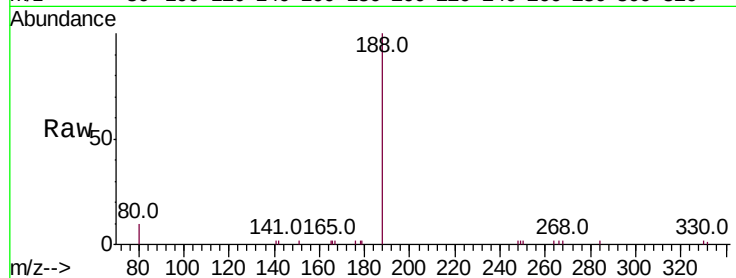
Tot Ion:188 Resp: 5396

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

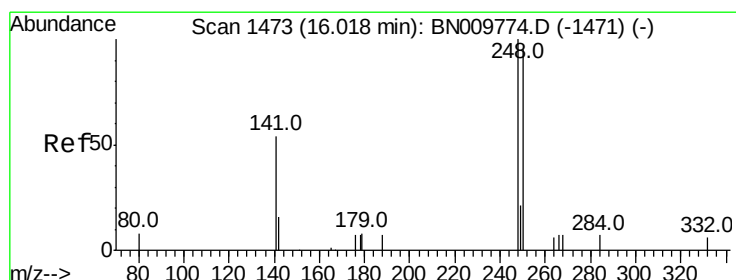
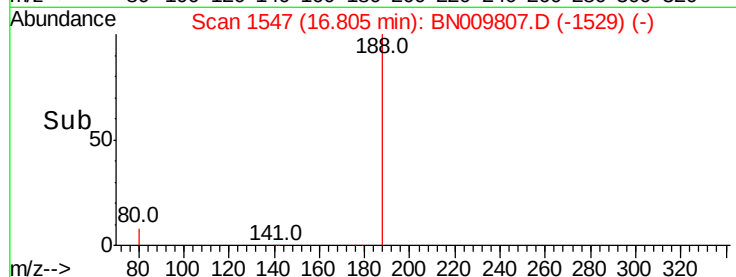
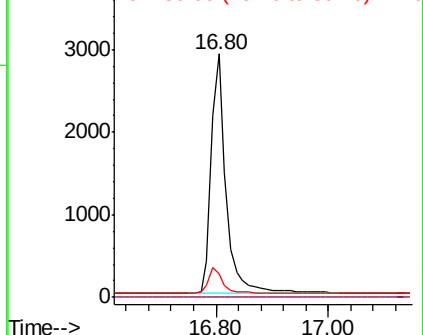
80 9.7 8.3 12.5



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: 0.244 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

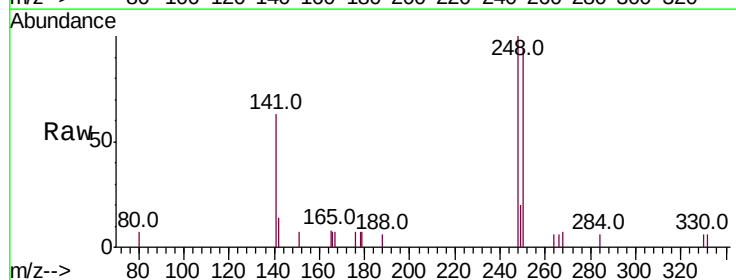
Tgt Ion:248 Resp: 1055

Ion Ratio Lower Upper

248 100

250 93.6 76.2 114.4

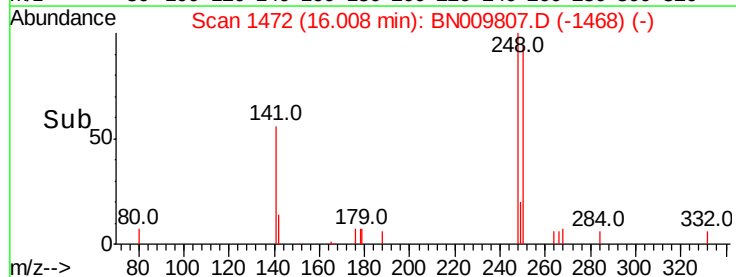
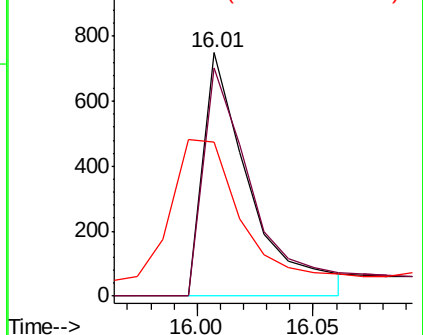
141 63.2 57.8 86.6

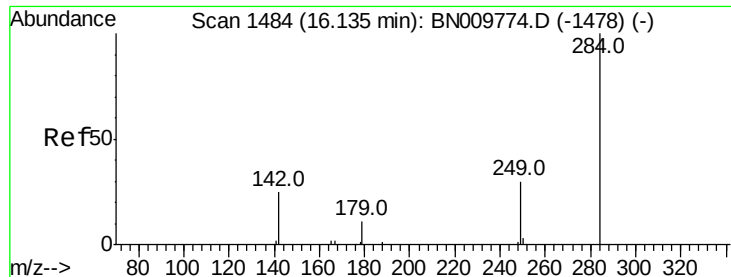


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.391 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampled :

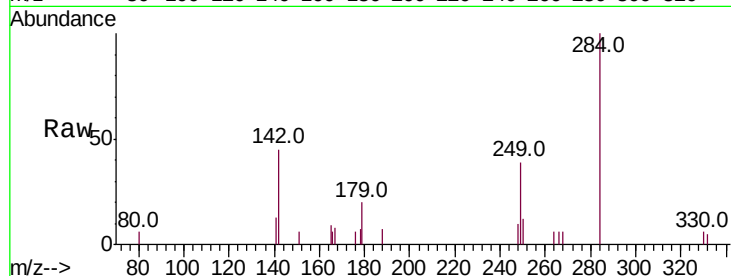
Tot Ion:284 Resp: 1313

Ion Ratio Lower Upper

284 100

142 43.0 33.3 49.9

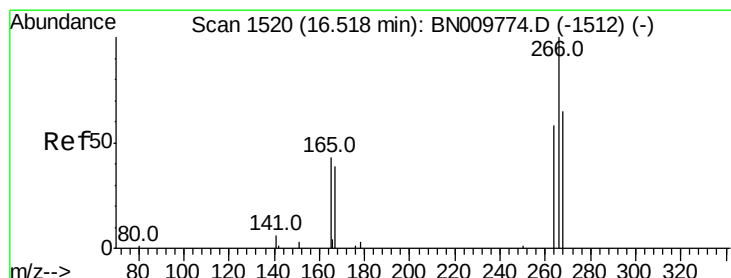
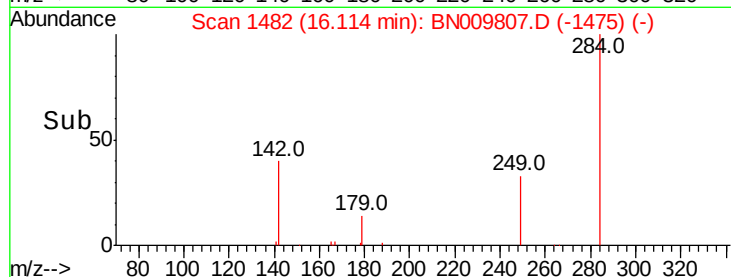
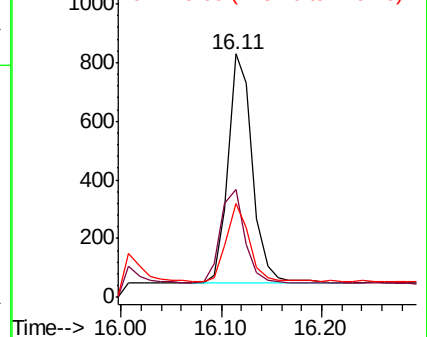
249 32.1 25.7 38.5



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: 0.392 ng

RT: 16.50 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

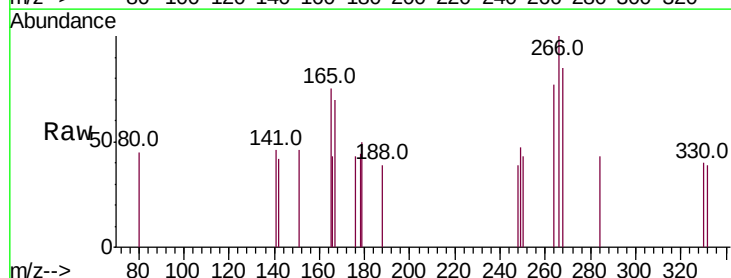
Tgt Ion:266 Resp: 240

Ion Ratio Lower Upper

266 100

264 77.4 58.1 87.1

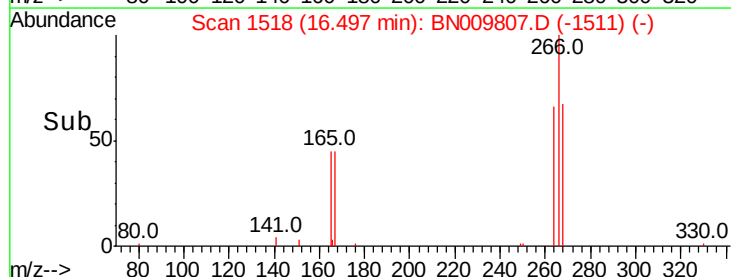
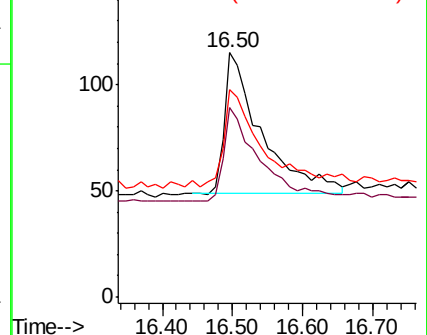
268 85.2 65.7 98.5

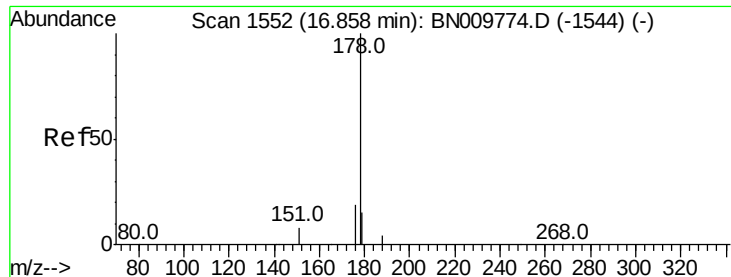


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.373 ng

RT: 16.85 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampleId :

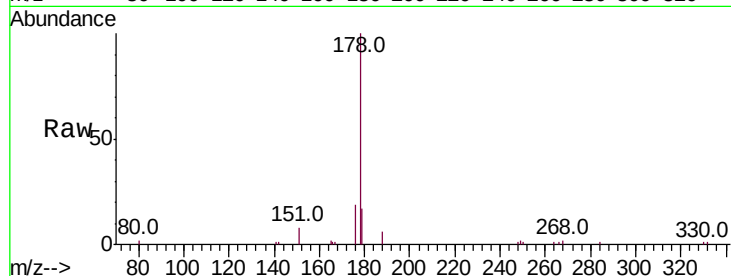
Tot Ion:178 Resp: 5998

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

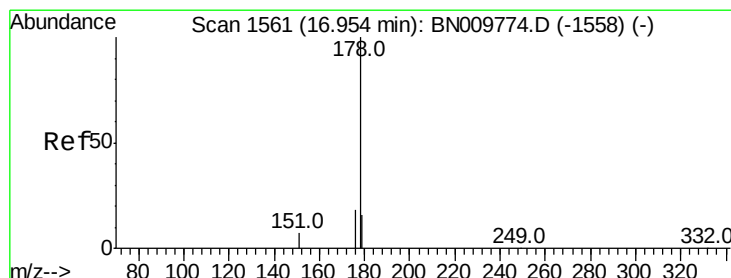
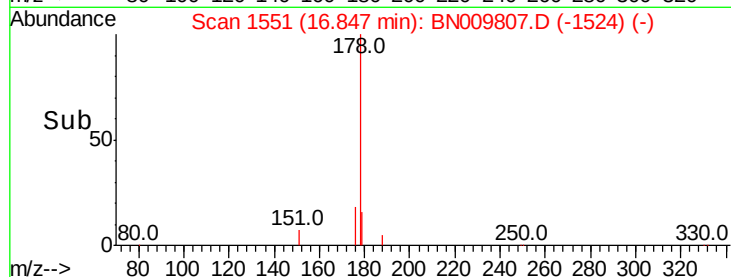
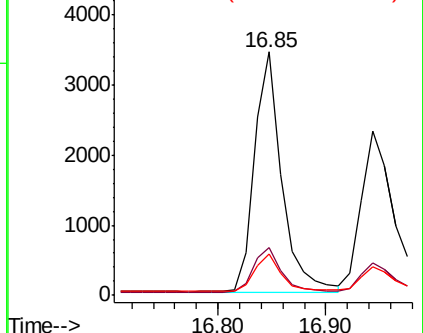
179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.358 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

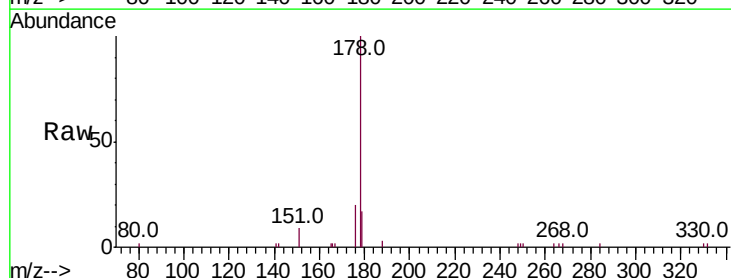
Tgt Ion:178 Resp: 4862

Ion Ratio Lower Upper

178 100

176 17.6 14.3 21.5

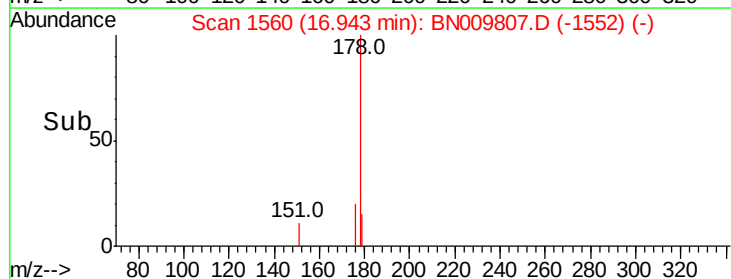
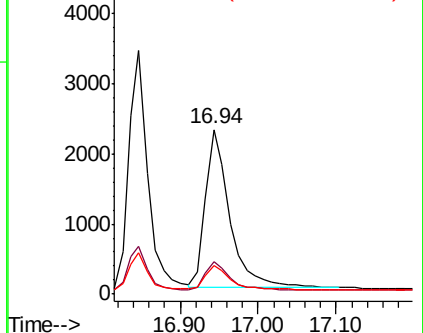
179 15.2 12.4 18.6

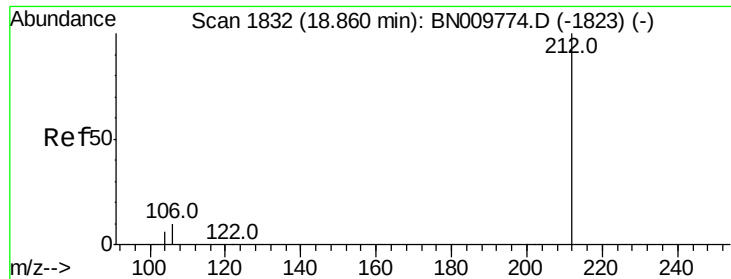


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampleId :

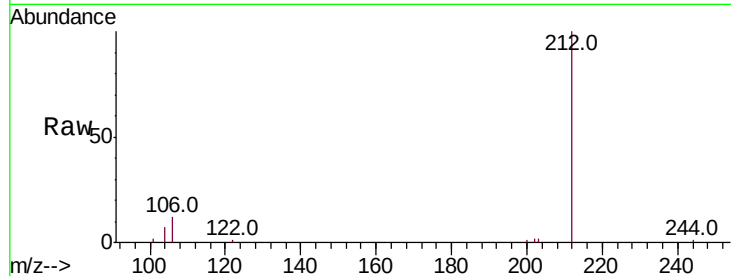
Tot Ion:212 Resp: 6874

Ion Ratio Lower Upper

212 100

106 11.1 8.4 12.6

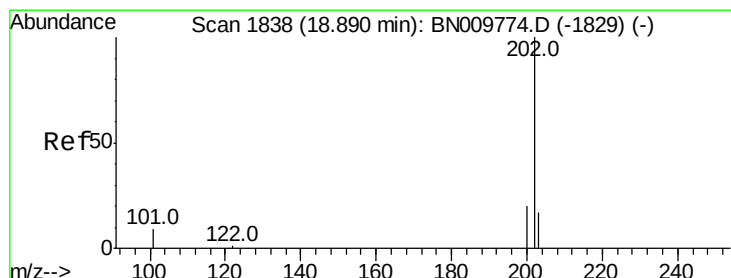
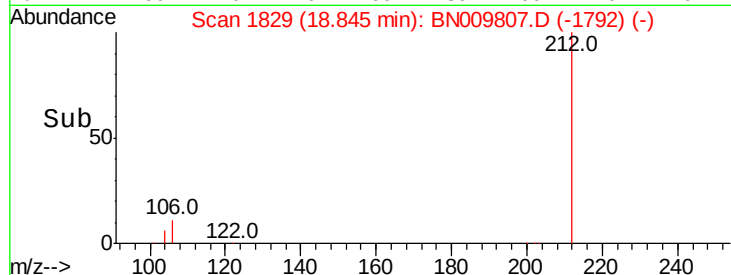
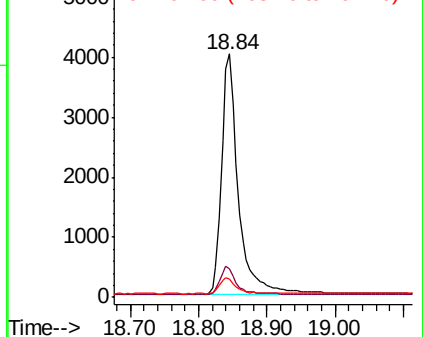
104 6.7 4.8 7.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.369 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

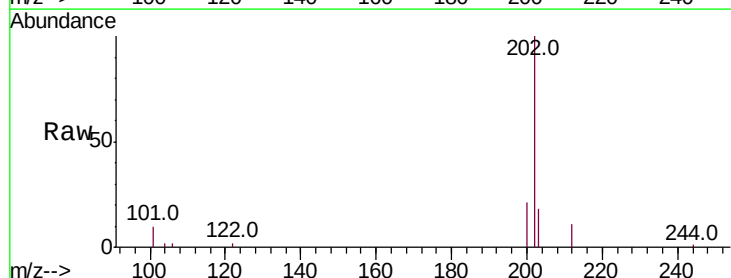
Tgt Ion:202 Resp: 7091

Ion Ratio Lower Upper

202 100

101 9.5 7.1 10.7

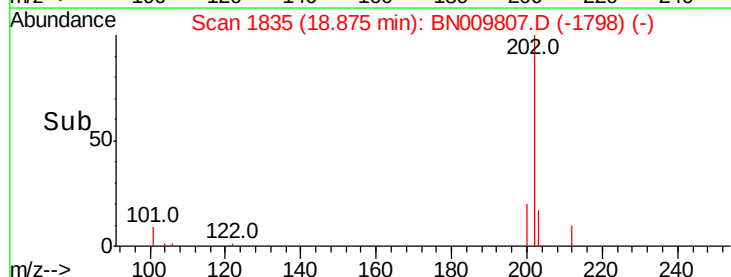
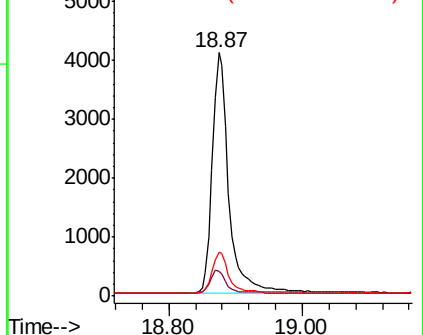
203 17.1 13.8 20.6

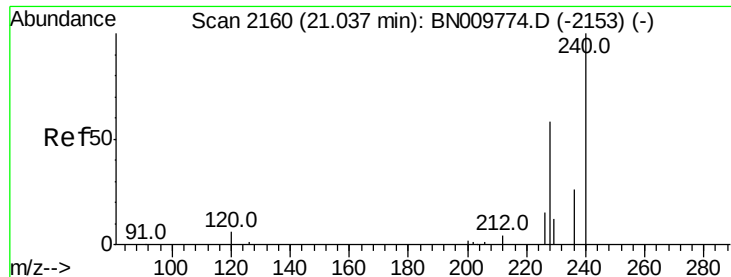


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampleId :

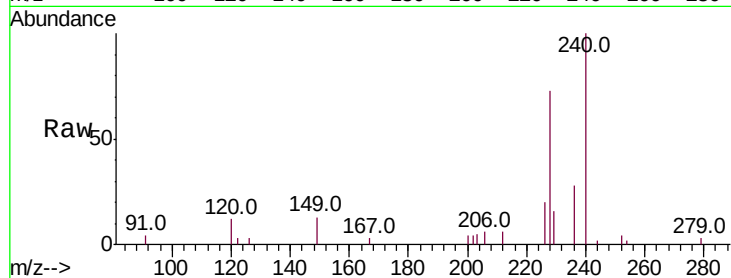
Tot Ion:240 Resp: 4869

Ion Ratio Lower Upper

240 100

120 12.5 7.9 11.9#

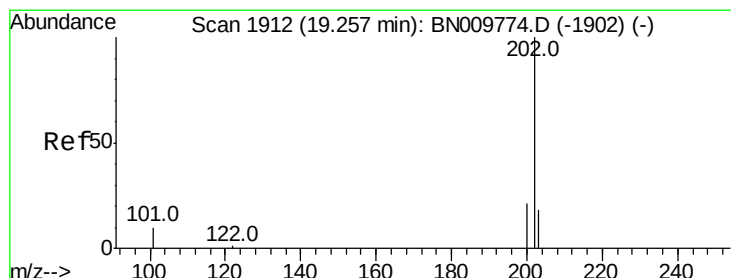
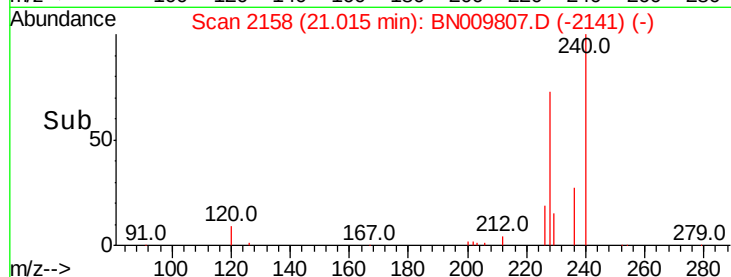
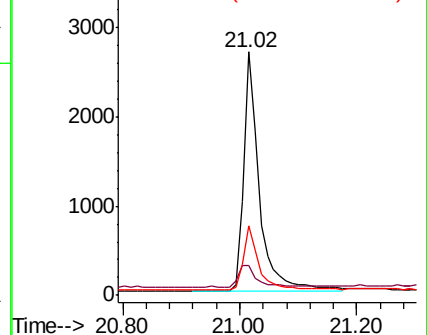
236 28.4 22.0 33.0



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: 0.392 ng

RT: 19.24 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

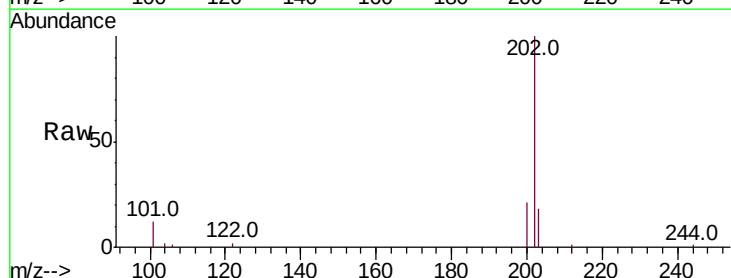
Tgt Ion:202 Resp: 7254

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

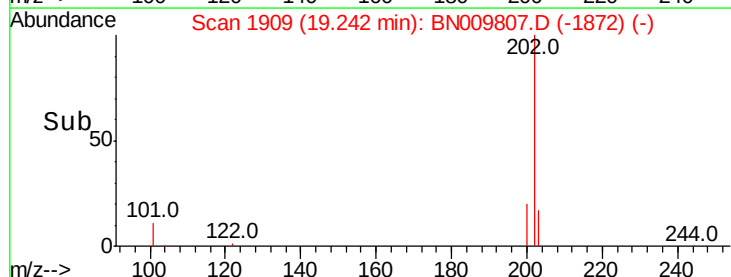
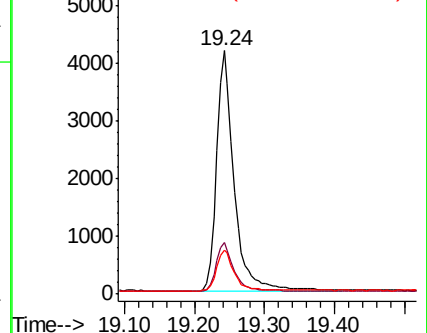
203 17.1 13.9 20.9

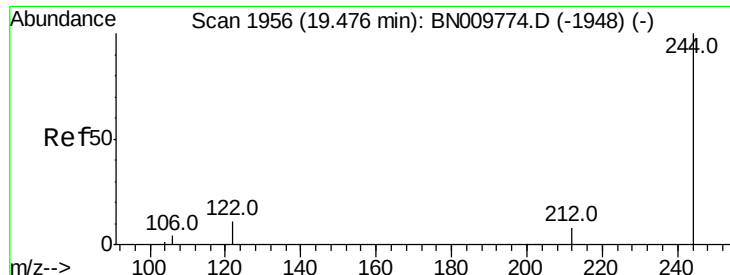


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.375 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampleId :

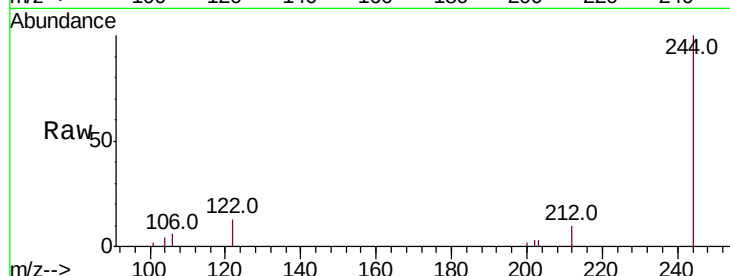
Tot Ion:244 Resp: 4364

Ion Ratio Lower Upper

244 100

212 10.0 8.0 12.0

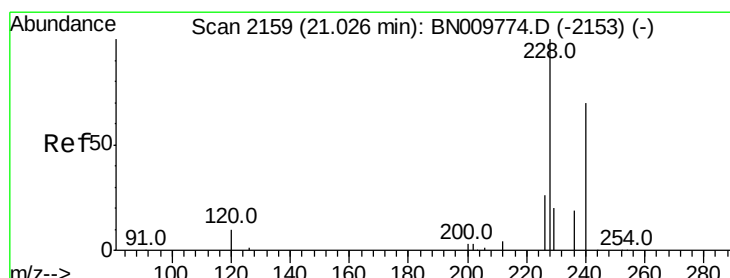
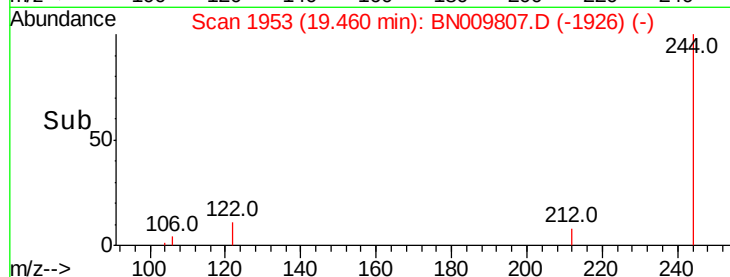
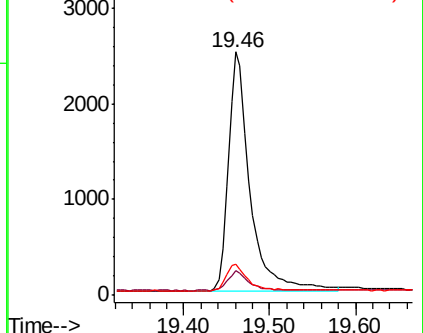
122 13.0 10.0 15.0



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: 0.351 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

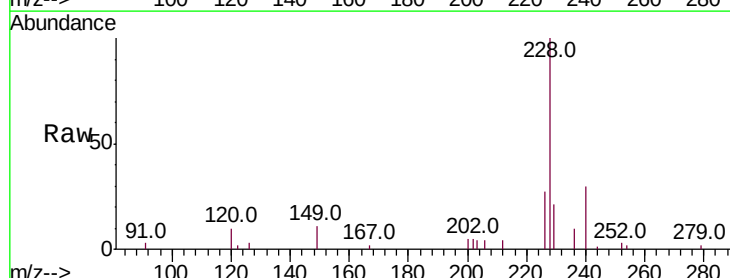
Tgt Ion:228 Resp: 5667

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

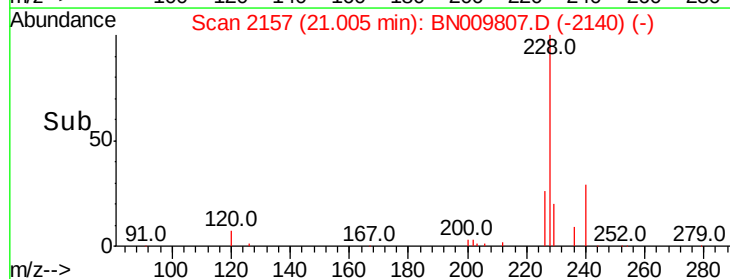
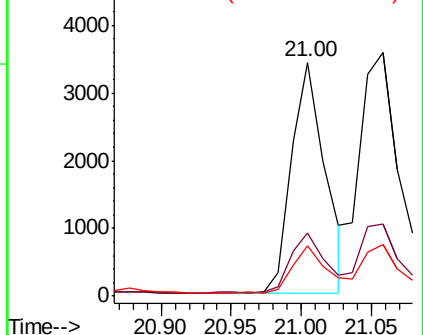
229 21.3 17.1 25.7

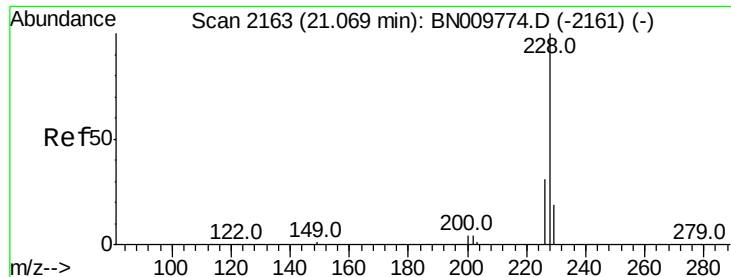


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.385 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

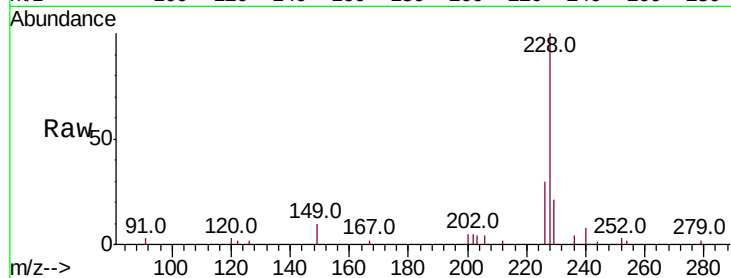
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 7199

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	21.2	16.4	24.6

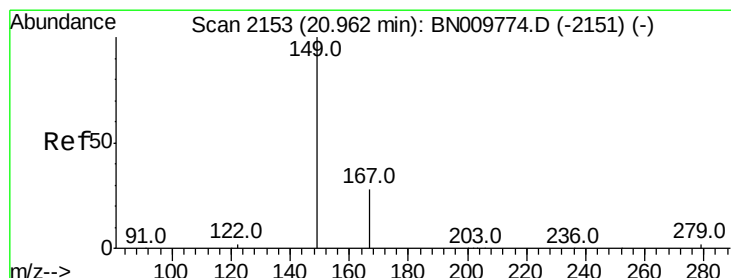
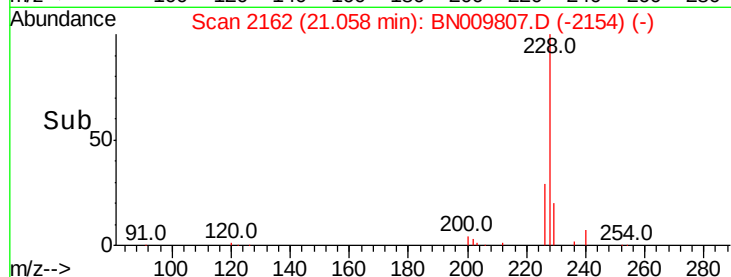
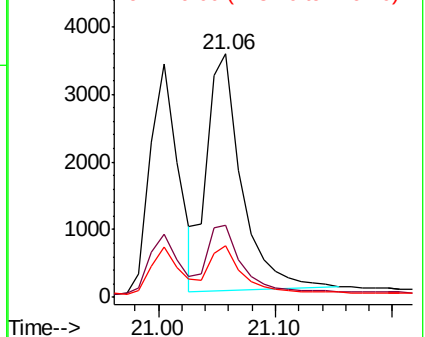


Abundance

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: 0.429 ng

RT: 20.95 min Scan# 2152

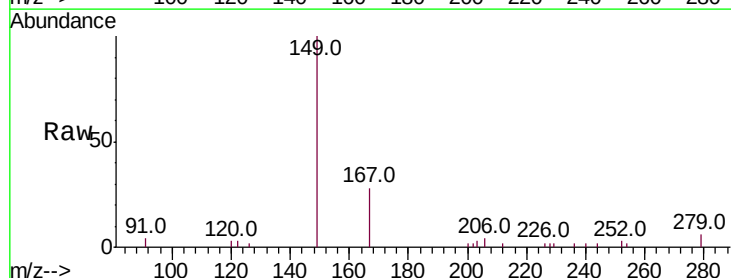
Delta R.T. -0.01 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Tgt Ion:149 Resp: 3384

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.7	34.1
279	4.4	3.1	4.7

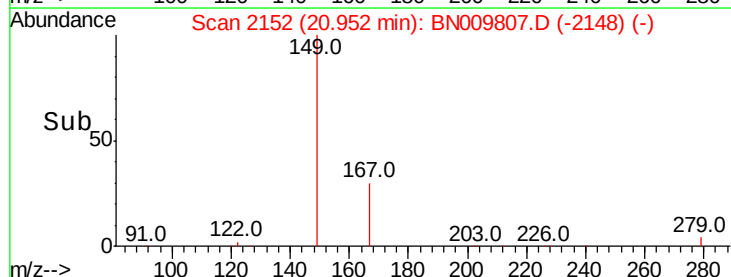
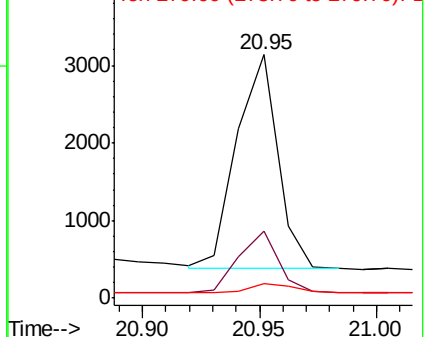


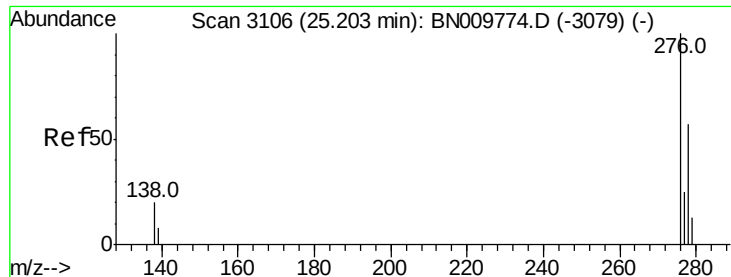
Abundance

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

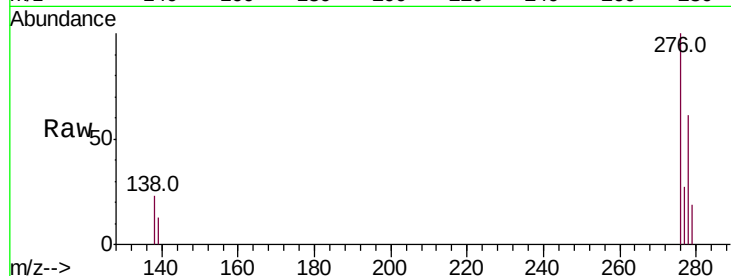




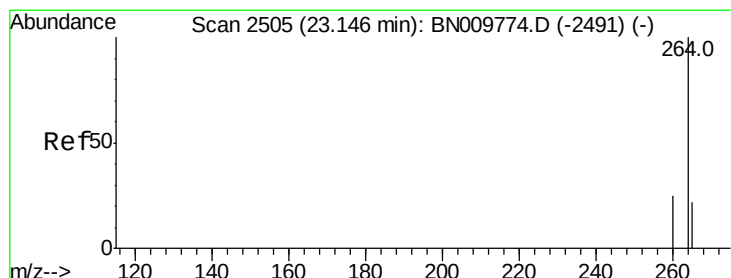
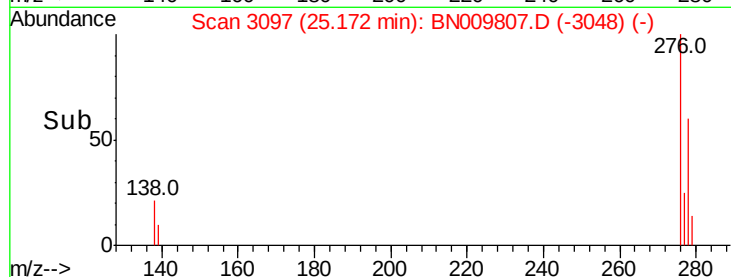
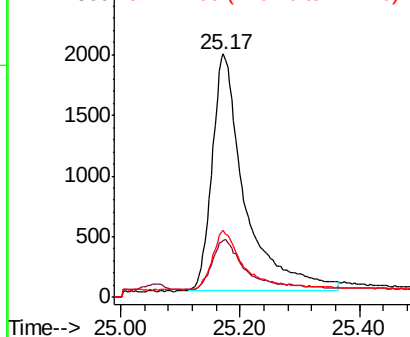
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.382 ng
 RT: 25.17 min Scan# 3097
 Delta R.T. -0.03 min
 Lab File: BN009807.D
 Acq: 21 Feb 2020 14:32

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 7434
 Ion Ratio Lower Upper
 276 100
 138 19.3 15.8 23.6
 277 23.7 19.3 28.9

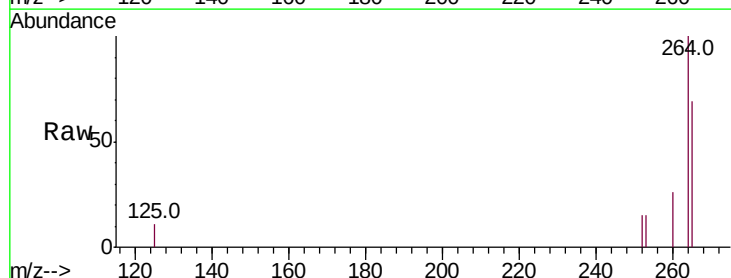


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

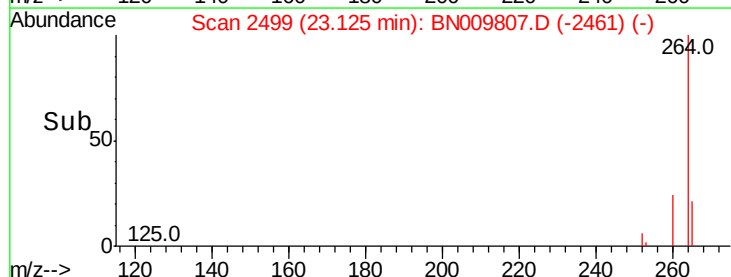
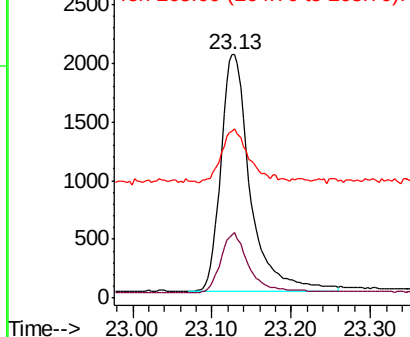


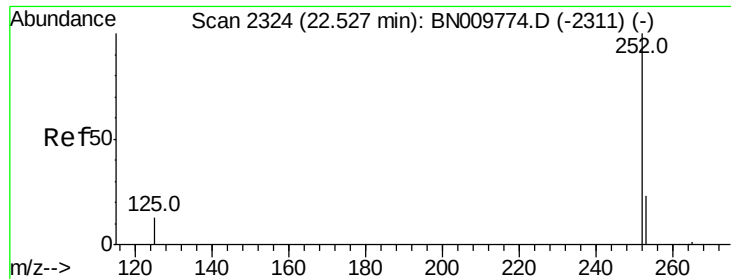
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2499
 Delta R.T. -0.02 min
 Lab File: BN009807.D
 Acq: 21 Feb 2020 14:32

Tgt Ion:264 Resp: 5196
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.1 31.7
 265 68.6 57.5 86.3



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: 0.333 ng

RT: 22.51 min Scan# 2318

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampled :

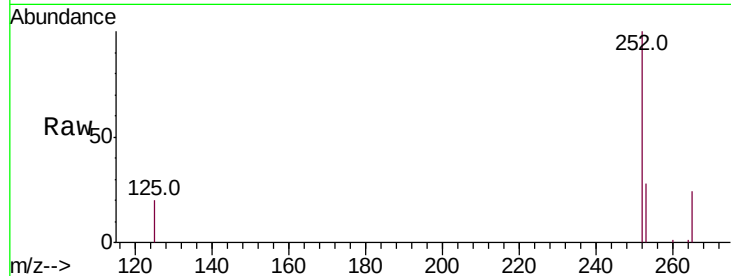
Tot Ion:252 Resp: 6329

Ion Ratio Lower Upper

252 100

253 28.2 23.0 34.6

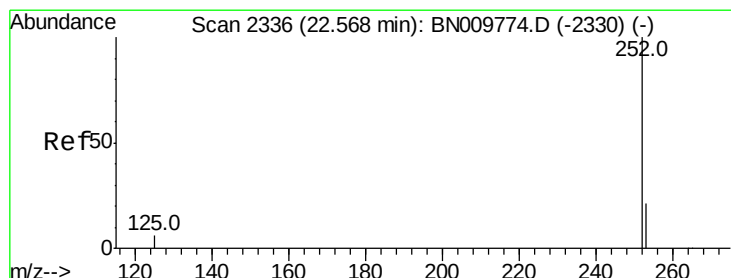
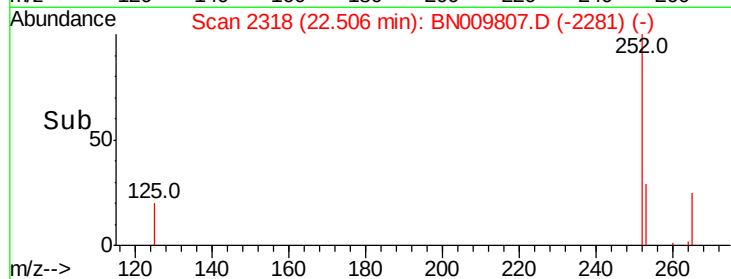
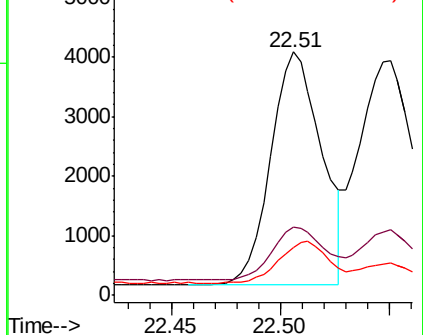
125 19.5 14.4 21.6



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



#36

Benzo(k)fluoranthene

Concen: 0.372 ng

RT: 22.55 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

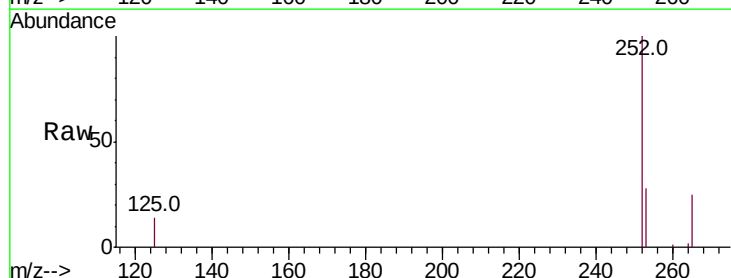
Tgt Ion:252 Resp: 7703

Ion Ratio Lower Upper

252 100

253 27.7 22.2 33.2

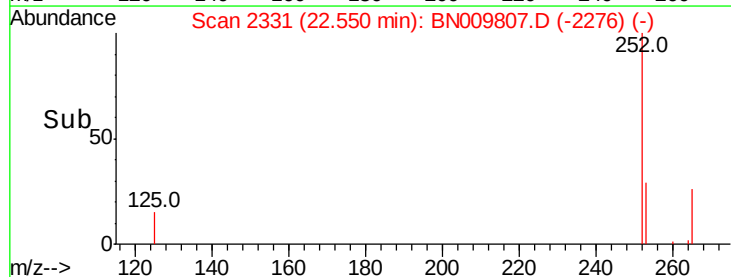
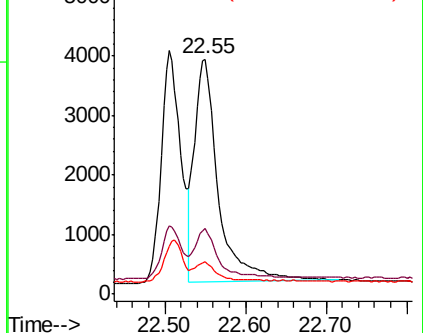
125 13.9 10.5 15.7

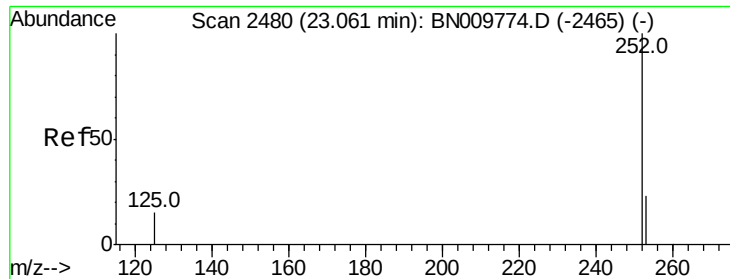


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.374 ng

RT: 23.04 min Scan# 2473

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampleId :

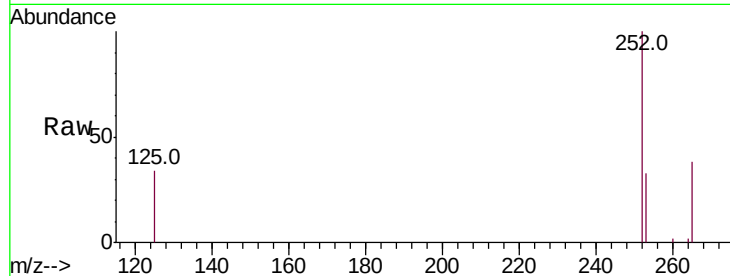
Tot Ion:252 Resp: 6479

Ion Ratio Lower Upper

252 100

253 33.4 25.3 37.9

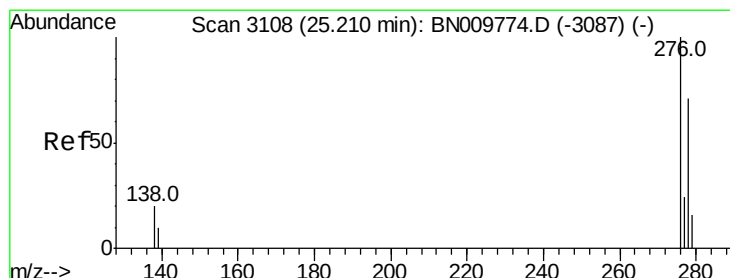
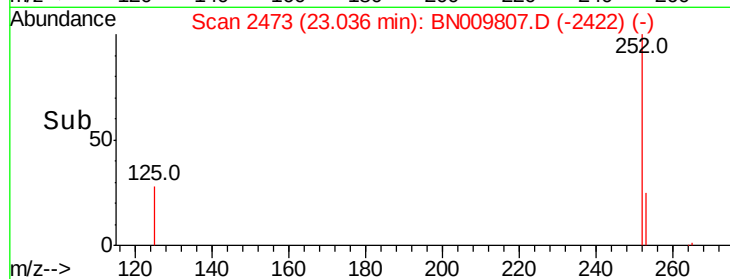
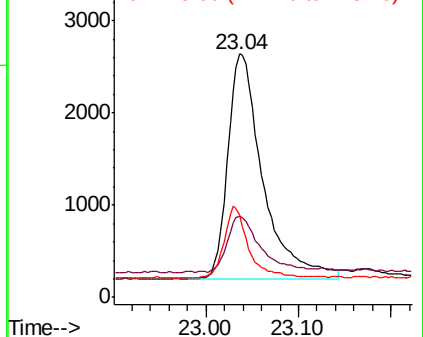
125 33.6 17.7 26.5#



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: 0.330 ng

RT: 25.19 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

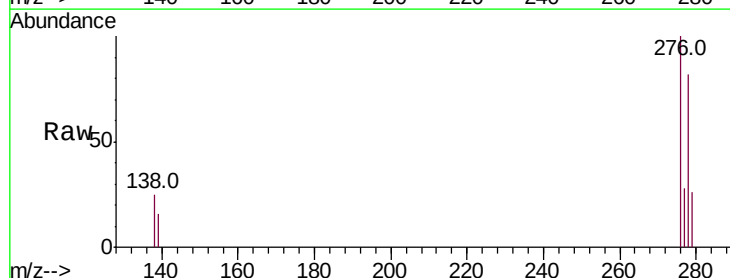
Tgt Ion:278 Resp: 5626

Ion Ratio Lower Upper

278 100

139 19.3 14.5 21.7

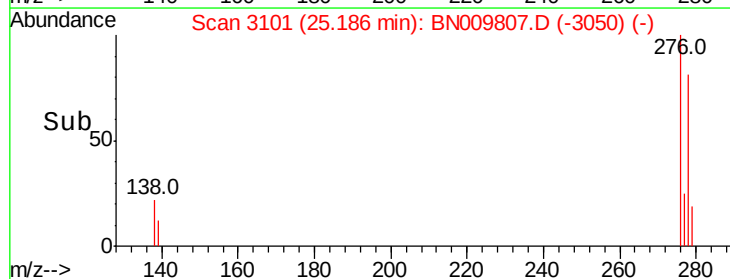
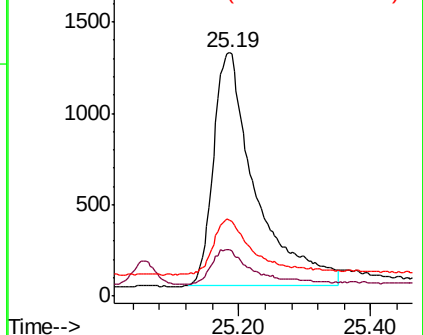
279 31.3 24.3 36.5

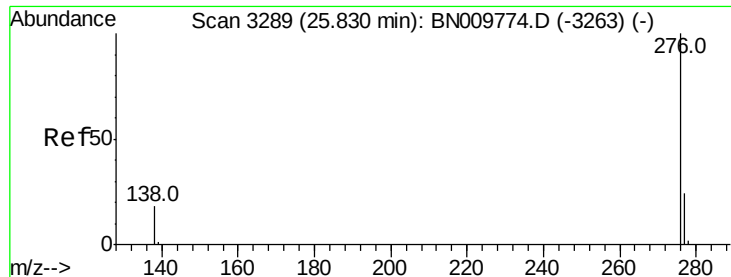


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.365 ng

RT: 25.80 min Scan# 3280

Delta R.T. -0.03 min

Lab File: BN009807.D

Acq: 21 Feb 2020 14:32

Instrument :

BNA_N

ClientSampleId :

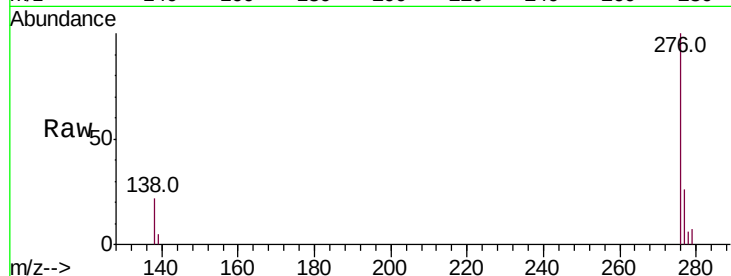
Tot Ion:276 Resp: 6639

Ion Ratio Lower Upper

276 100

277 26.4 21.4 32.0

138 21.6 16.6 24.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

