

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
 Data File : BN009789.D
 Acq On : 20 Feb 2020 21:25
 Operator : CG/JU
 Sample : PB126764BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 02:50:40 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	1812	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6034	0.40	ng	-0.03
13) Acenaphthene-d10	14.04	164	3558	0.40	ng	-0.02
19) Phenanthrene-d10	16.81	188	7054	0.40	ng	0.00
27) Chrysene-d12	21.03	240	4836	0.40	ng	0.00
34) Perylene-d12	23.13	264	4039	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	1987	0.49	ng	-0.02
5) Phenol-d6	6.62	99	2391	0.49	ng	-0.02
8) Nitrobenzene-d5	8.57	82	2706	0.54	ng	-0.03
11) 2-Methylnaphthalene-d10	11.76	152	4524	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	496	0.36	ng	-0.02
15) 2-Fluorobiphenyl	12.66	172	7175	0.53	ng	-0.03
25) Fluoranthene-d10	18.85	212	7452	0.31	ng	0.00
29) Terphenyl-d14	19.46	244	11301	0.98	ng	-0.01

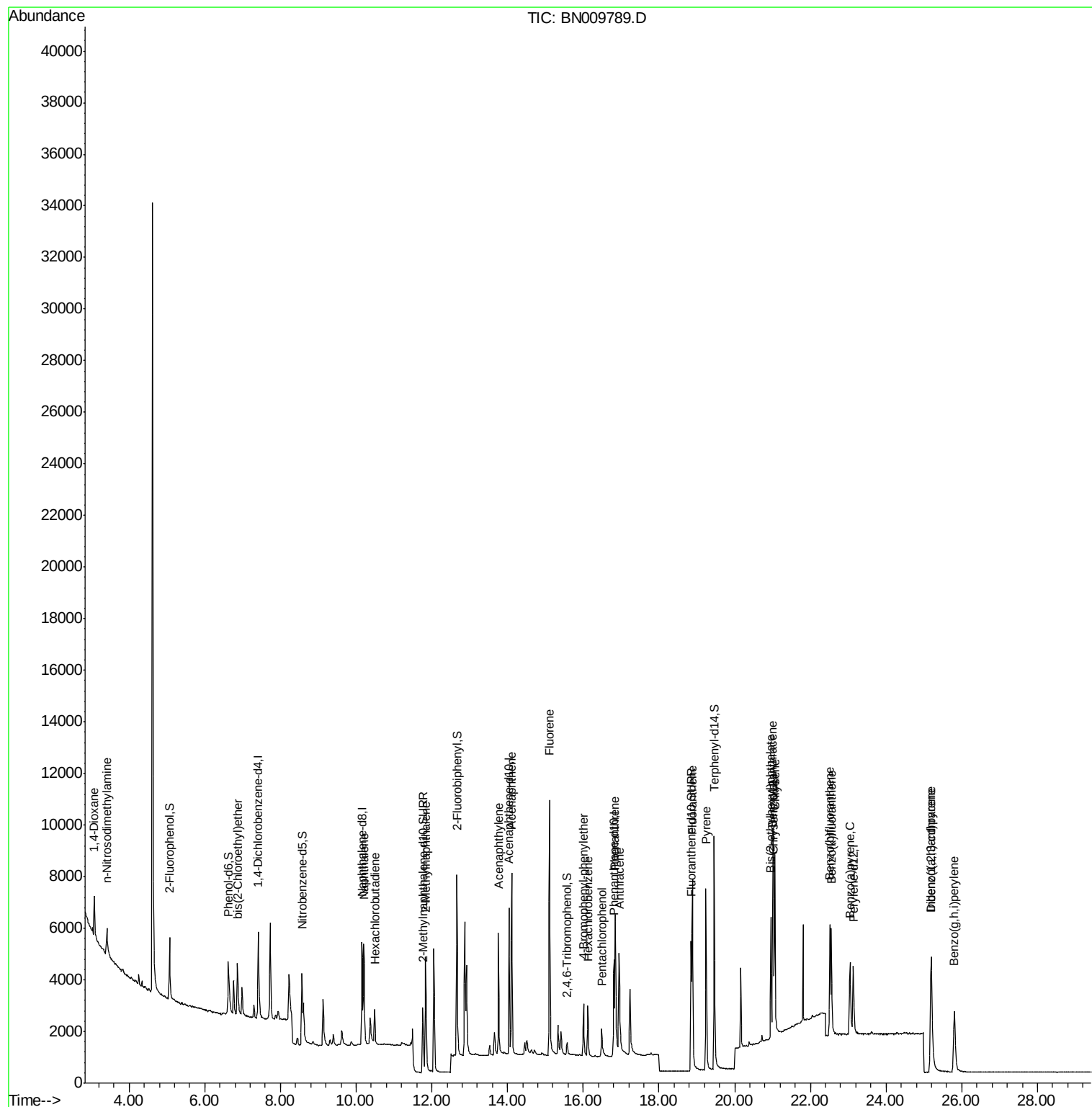
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	595	0.321	ng	# 33
3) n-Nitrosodimethylamine	3.40	42	1282	0.421	ng	# 83
6) bis(2-Chloroethyl)ether	6.86	93	1723	0.361	ng	88
9) Naphthalene	10.20	128	6004	0.365	ng	97
10) Hexachlorobutadiene	10.49	225	1202	0.332	ng	# 98
12) 2-Methylnaphthalene	11.84	142	4095	0.363	ng	97
16) Acenaphthylene	13.76	152	5543	0.365	ng	99
17) Acenaphthene	14.11	154	3784	0.355	ng	99
18) Fluorene	15.11	166	4820	0.342	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	1018	0.139	ng	# 85
21) Hexachlorobenzene	16.12	284	1584	0.361	ng	97
22) Pentachlorophenol	16.49	266	871	0.771	ng	90
23) Phenanthrene	16.84	178	7098	0.338	ng	99
24) Anthracene	16.95	178	6442	0.363	ng	99
26) Fluoranthene	18.88	202	8059	0.321	ng	99
28) Pyrene	19.25	202	8042	0.438	ng	99
30) Benzo(a)anthracene	21.01	228	5840	0.364	ng	99
31) Chrysene	21.06	228	6405	0.345	ng	99
32) Bis(2-ethylhexyl)phthalate	20.95	149	2933	0.375	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	6389	0.330	ng	99
35) Benzo(b)fluoranthene	22.51	252	5284	0.358	ng	99
36) Benzo(k)fluoranthene	22.56	252	5893	0.367	ng	97
37) Benzo(a)pyrene	23.05	252	5096	0.378	ng	98
38) Dibenzo(a,h)anthracene	25.20	278	5313	0.400	ng	99
39) Benzo(g,h,i)perylene	25.80	276	5894	0.417	ng	98

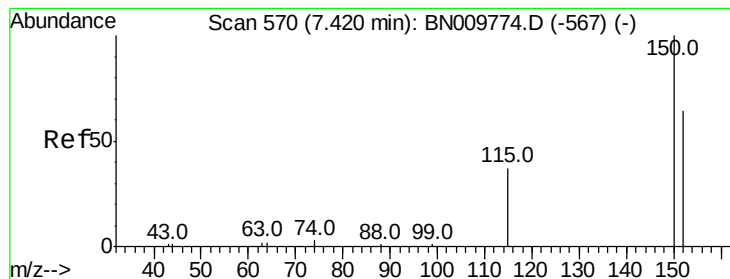
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :

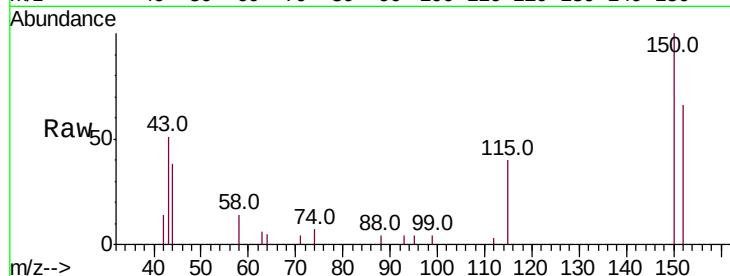
Tot Ion:152 Resp: 1812

Ion Ratio Lower Upper

152 100

150 151.2 120.6 181.0

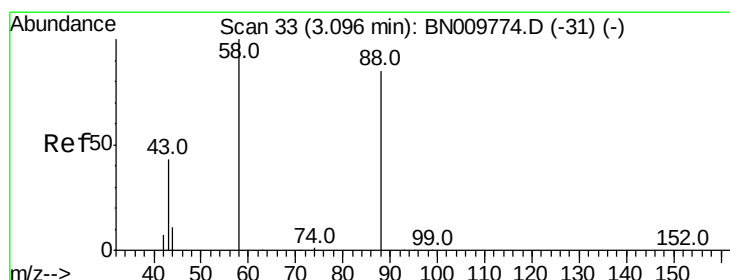
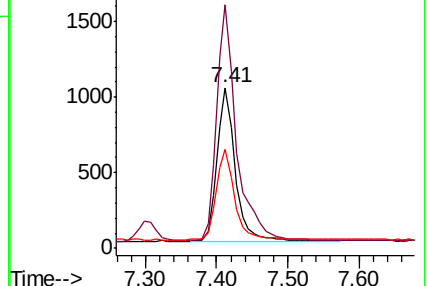
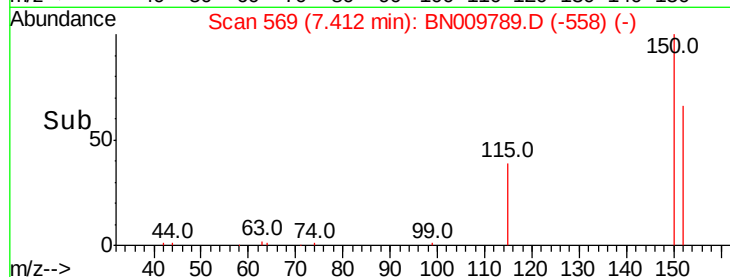
115 61.2 51.2 76.8



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: 0.321 ng

RT: 3.09 min Scan# 32

Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

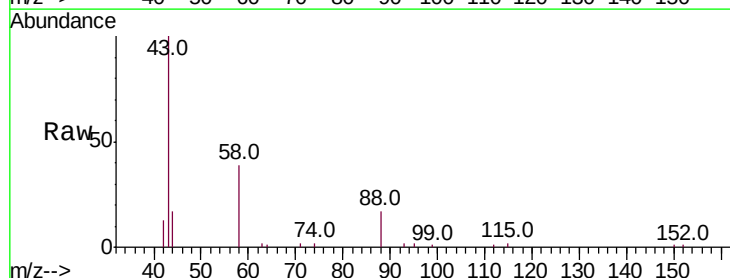
Tgt Ion: 88 Resp: 595

Ion Ratio Lower Upper

88 100

58 113.1 97.8 146.8

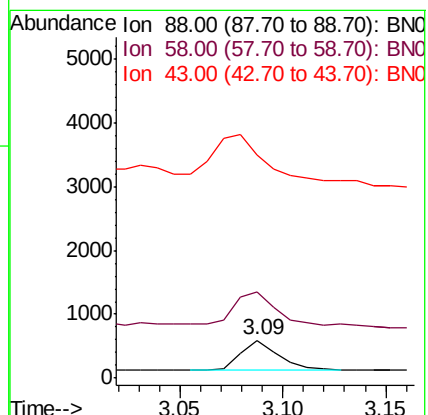
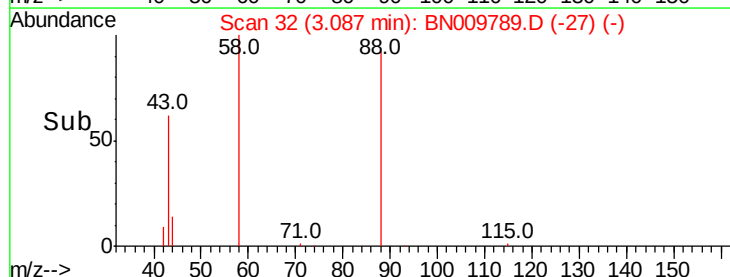
43 198.3 45.1 67.7#

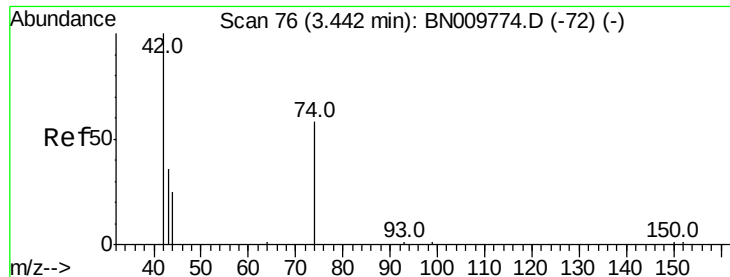


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.421 ng

RT: 3.40 min Scan# 71

Delta R.T. -0.04 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampled :

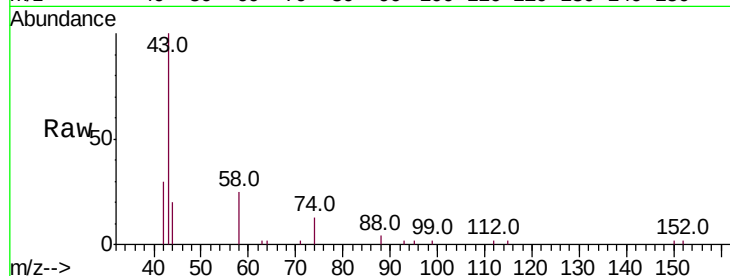
Tot Ion: 42 Resp: 1282

Ion Ratio Lower Upper

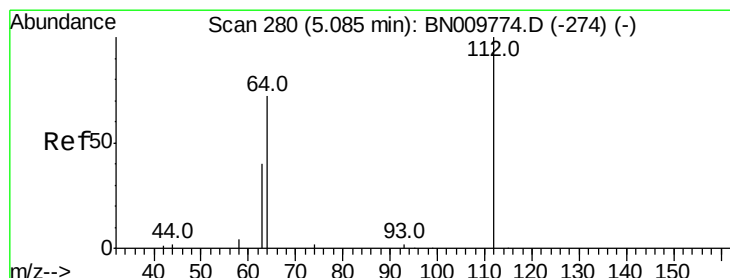
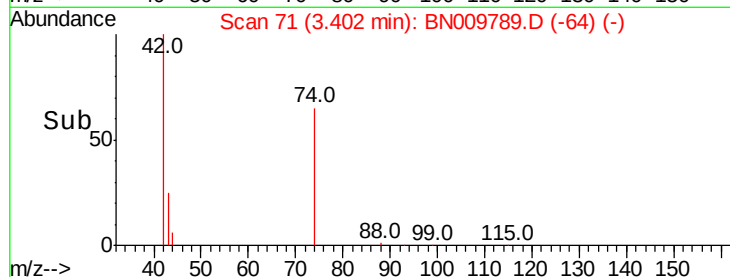
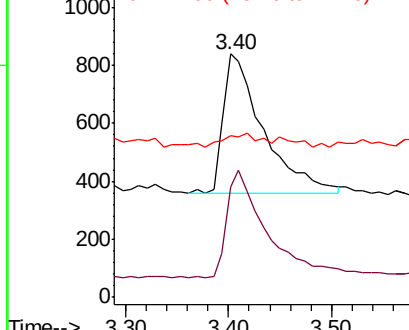
42 100

74 77.5 51.2 76.8#

44 8.3 2.6 4.0#



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: 0.493 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

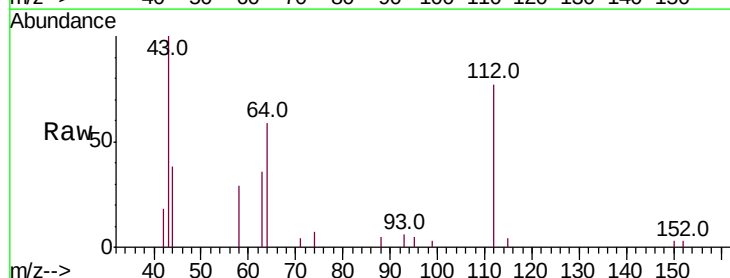
Tgt Ion: 112 Resp: 1987

Ion Ratio Lower Upper

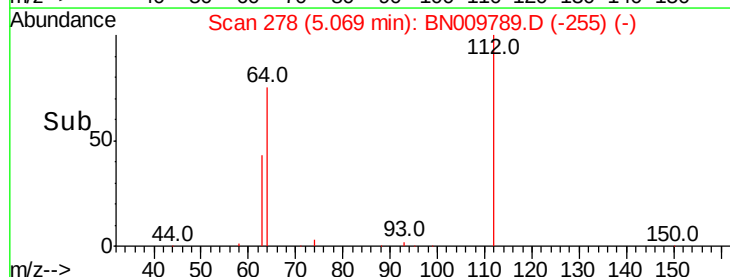
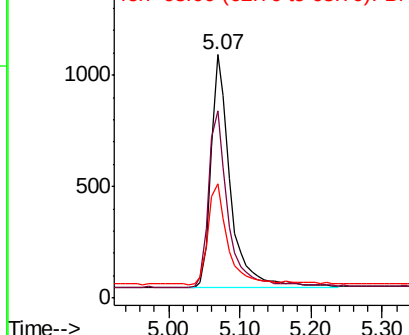
112 100

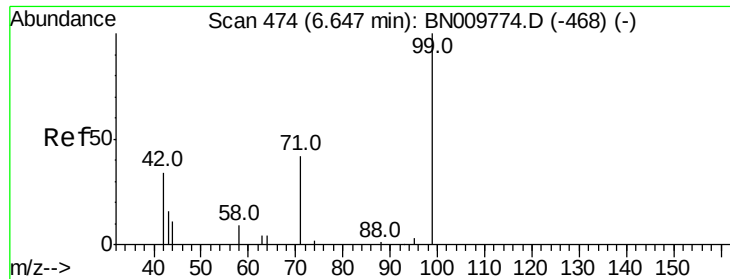
64 77.2 65.8 98.6

63 44.2 38.7 58.1



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: 0.488 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampled :

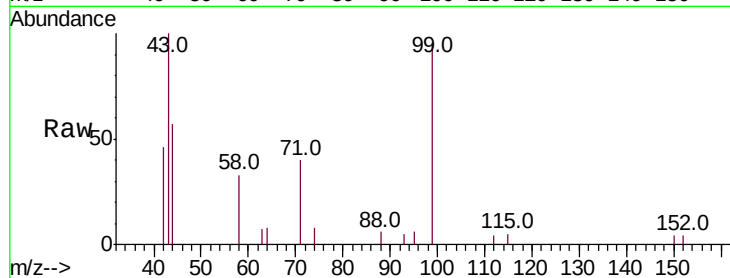
Tot Ion: 99 Resp: 2391

Ion Ratio Lower Upper

99 100

42 33.5 30.8 46.2

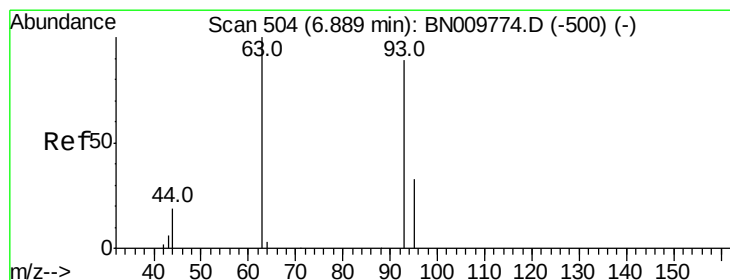
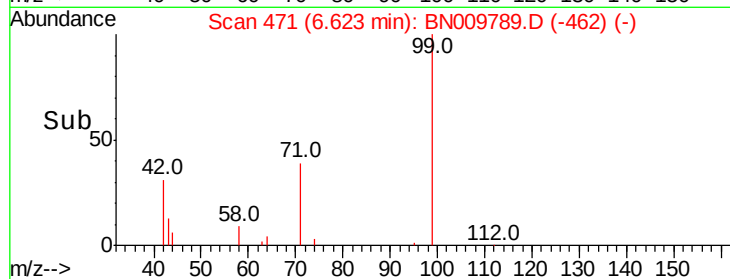
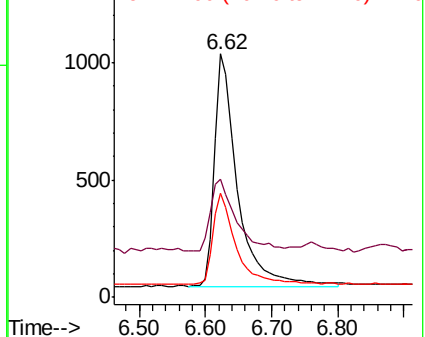
71 39.6 34.9 52.3



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: 0.361 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.02 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

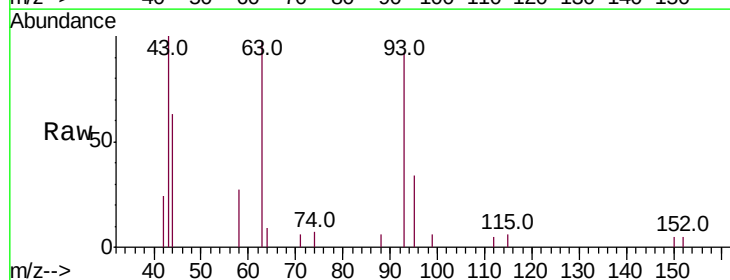
Tgt Ion: 93 Resp: 1723

Ion Ratio Lower Upper

93 100

63 107.4 74.0 111.0

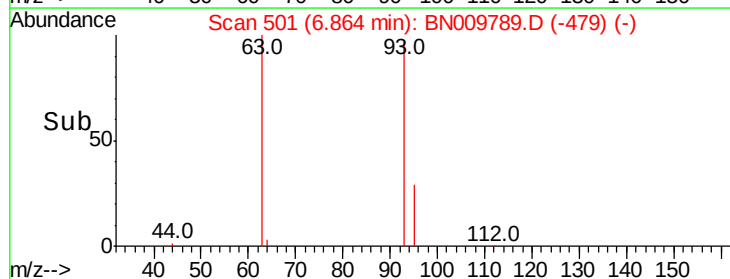
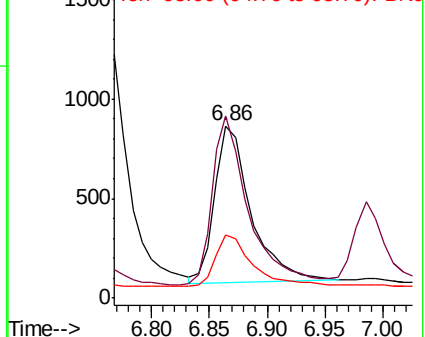
95 34.6 26.7 40.1

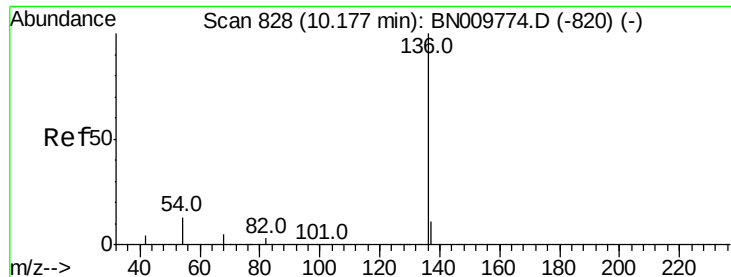


Abundance Ion 93.00 (92.70 to 93.70): BNC

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: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 6034

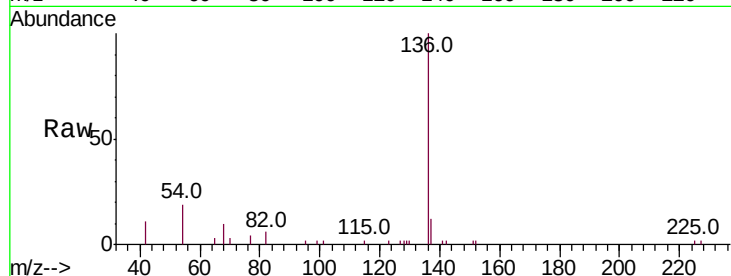
Ion Ratio Lower Upper

136 100

137 12.3 11.3 16.9

54 19.3 13.4 20.2

68 9.8 7.0 10.4

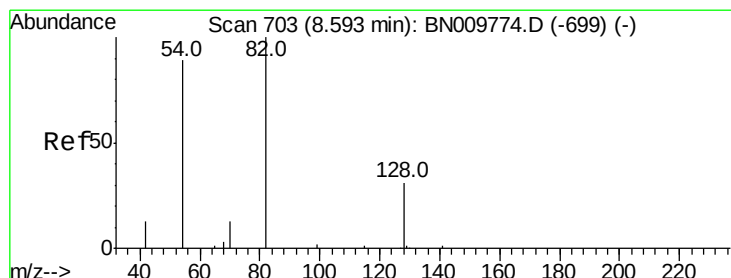
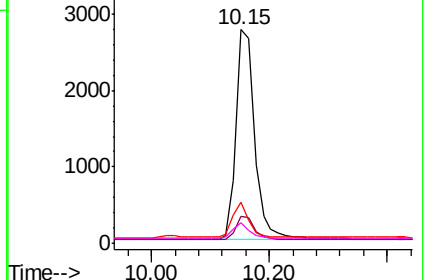
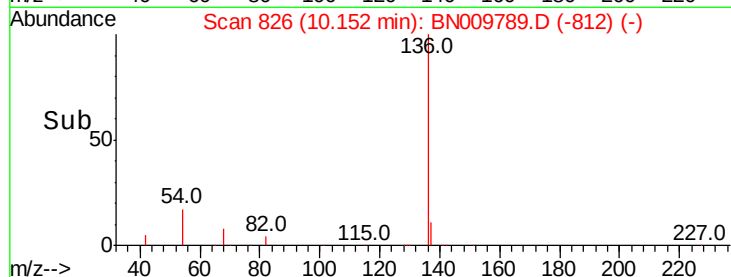


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.539 ng

RT: 8.57 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

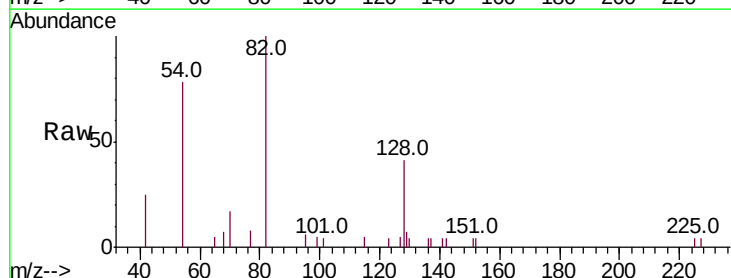
Tgt Ion: 82 Resp: 2706

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

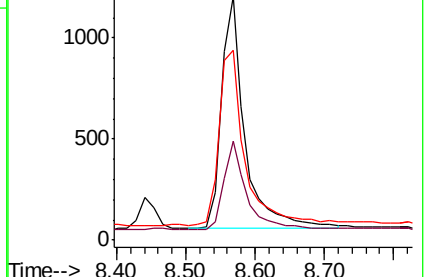
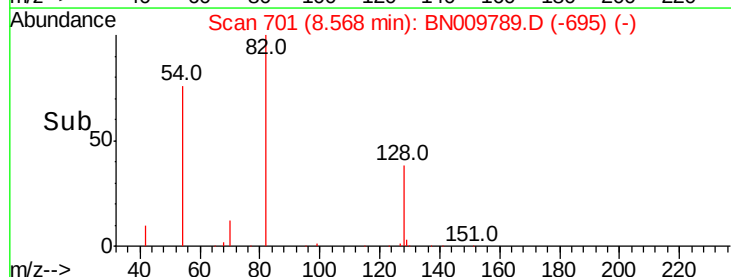
54 78.2 73.5 110.3

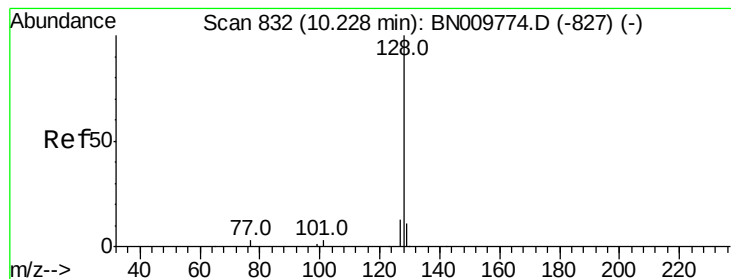


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.365 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :

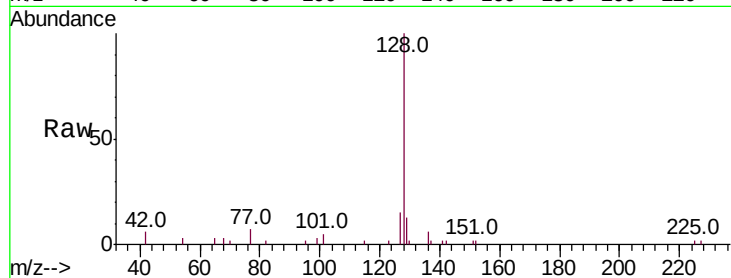
Tot Ion:128 Resp: 6004

Ion Ratio Lower Upper

128 100

129 12.6 11.1 16.7

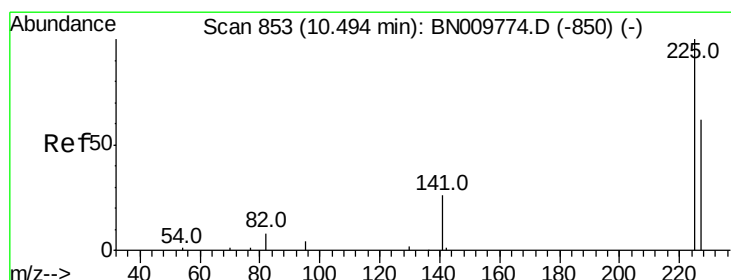
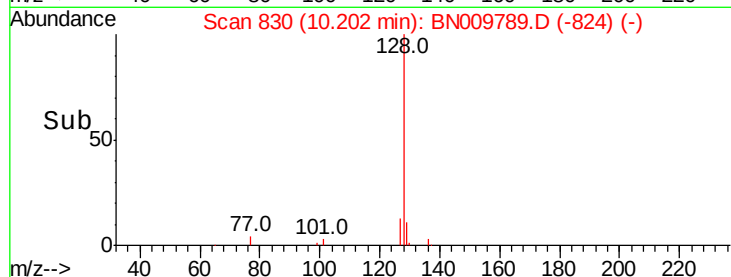
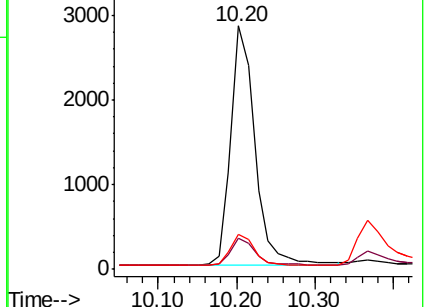
127 14.6 12.6 19.0



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: 0.332 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

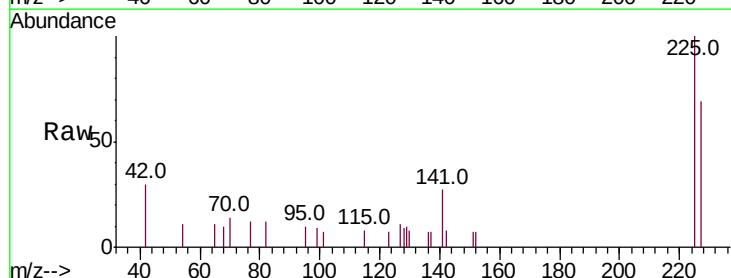
Tgt Ion:225 Resp: 1202

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

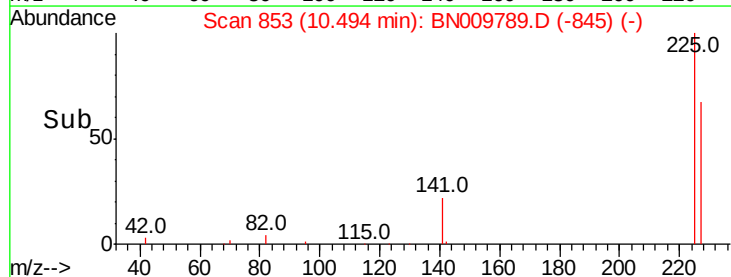
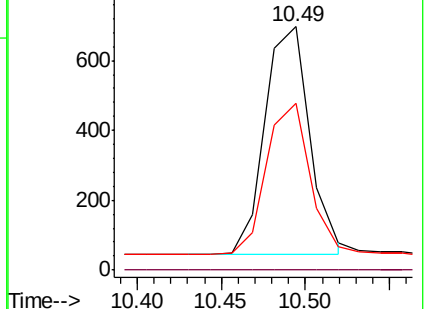
227 65.3 53.4 80.2

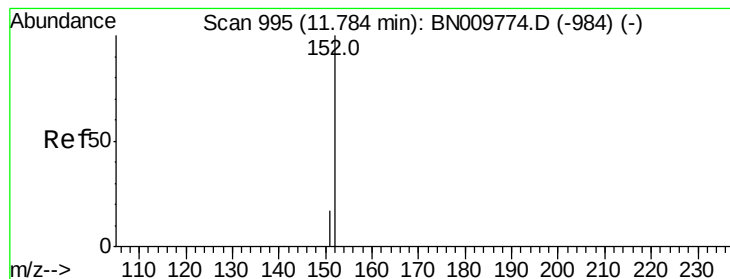


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.02 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

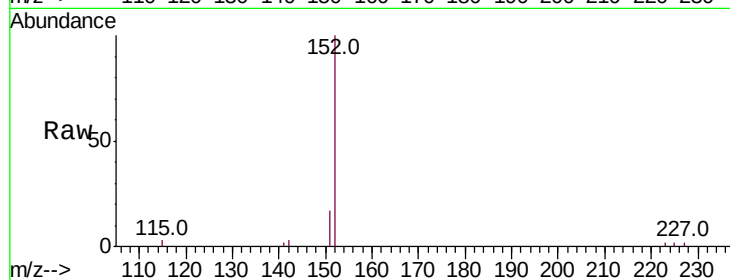
ClientSampleId :

Tot Ion:152 Resp: 4524

Ion Ratio Lower Upper

152 100

151 16.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

2500

2000

1500

1000

500

0

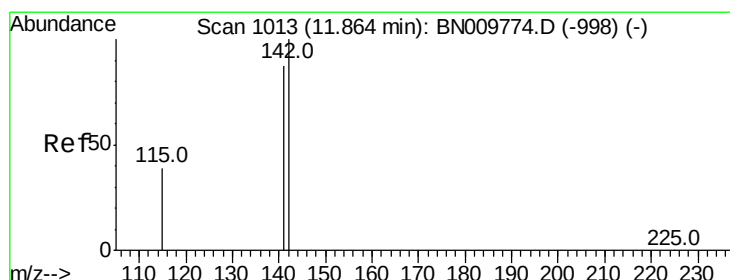
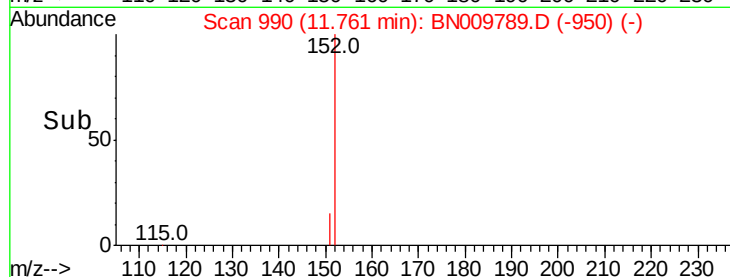
Time-->

11.60

11.70

11.80

11.90



#12

2-Methylnaphthalene

Concen: 0.363 ng

RT: 11.84 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

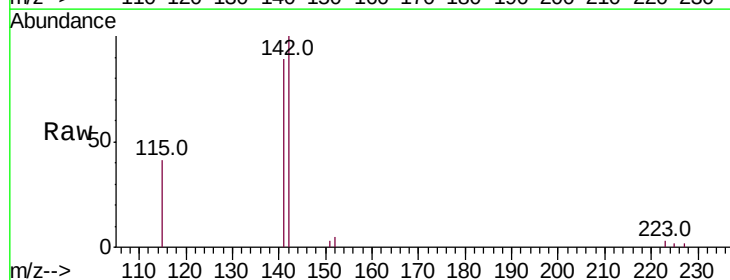
Tgt Ion:142 Resp: 4095

Ion Ratio Lower Upper

142 100

141 89.0 69.8 104.6

115 40.6 34.6 52.0



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

11.84

2500

2000

1500

1000

500

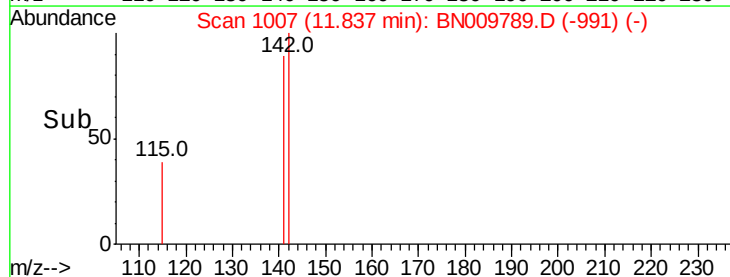
0

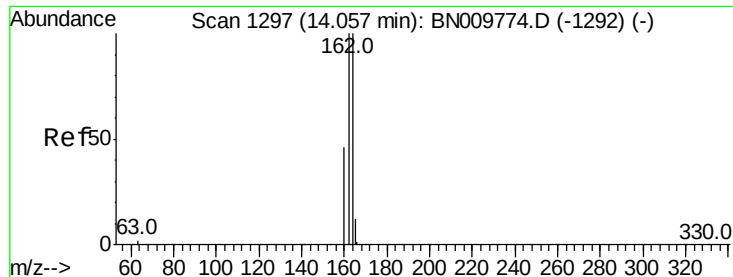
Time-->

11.80

11.90

12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :

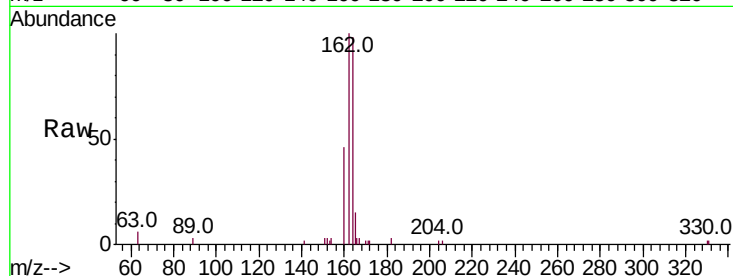
Tot Ion:164 Resp: 3558

Ion Ratio Lower Upper

164 100

162 102.1 79.9 119.9

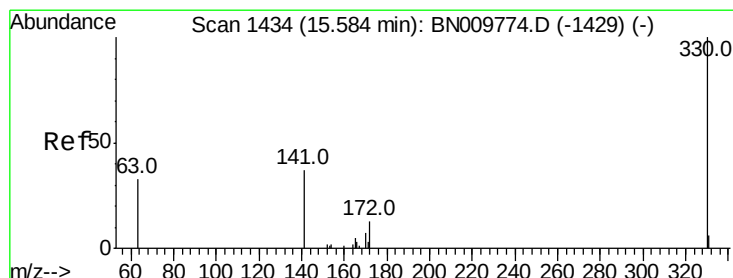
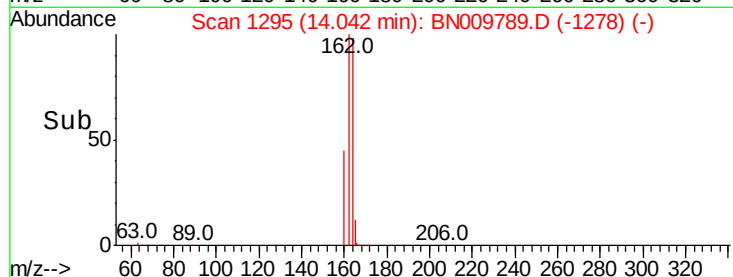
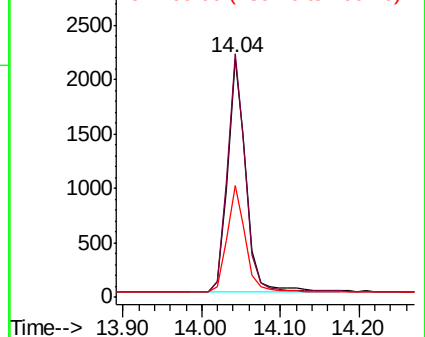
160 46.8 38.2 57.2



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: 0.362 ng

RT: 15.57 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

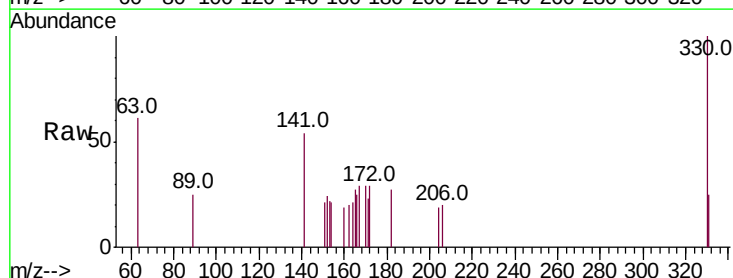
Tgt Ion:330 Resp: 496

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

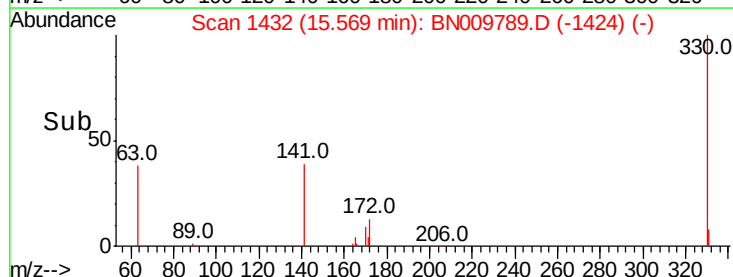
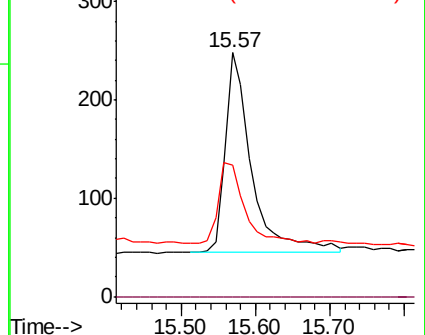
141 40.5 36.8 55.2

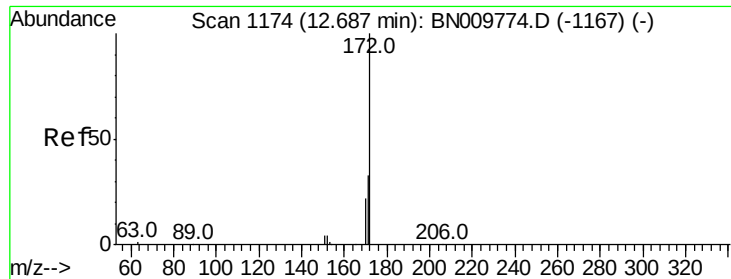


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

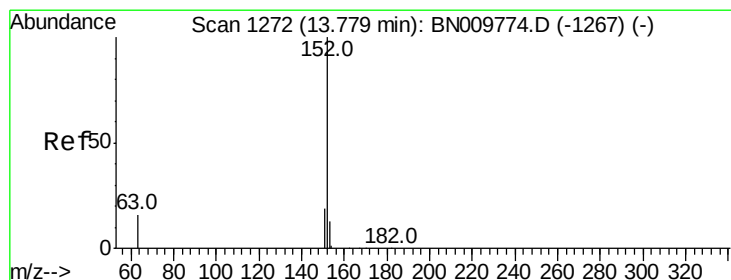
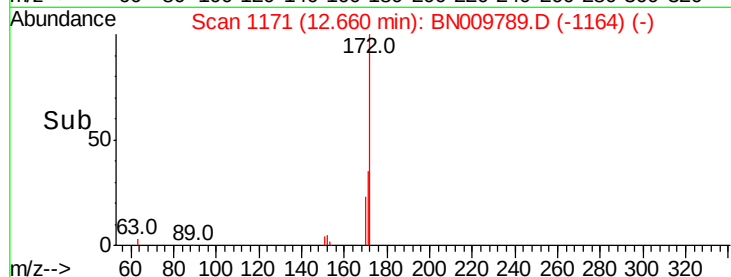
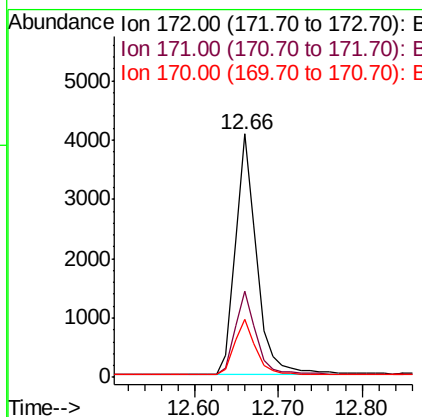
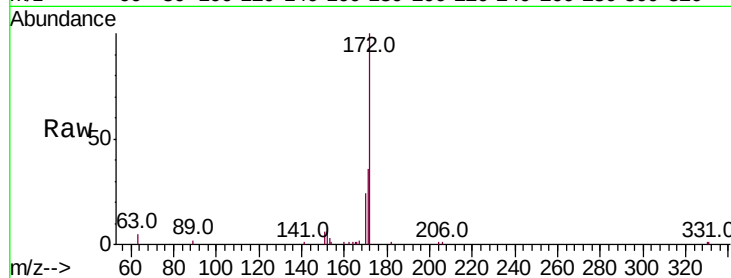




#15
2-Fluorobiphenyl
Concen: 0.534 ng
RT: 12.66 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BN009789.D
Acq: 20 Feb 2020 21:25

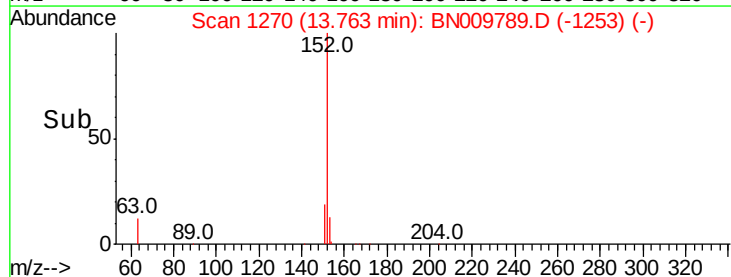
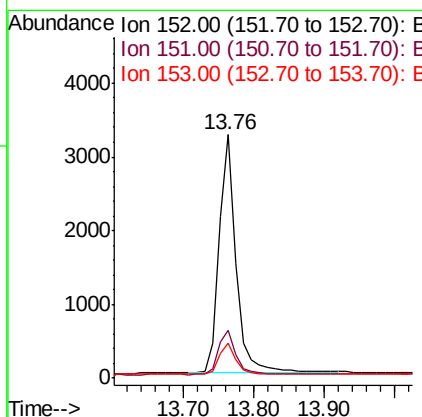
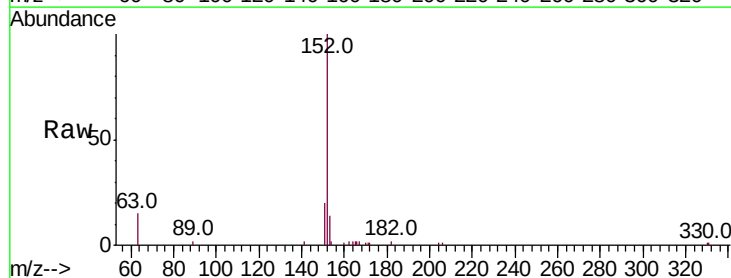
Instrument :
BNA_N
ClientSampleId :

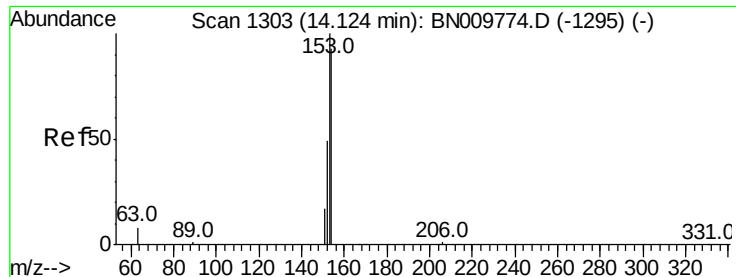
Tot Ion:172 Resp: 7175
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.8 20.1 30.1



#16
Acenaphthylene
Concen: 0.365 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009789.D
Acq: 20 Feb 2020 21:25

Tgt Ion:152 Resp: 5543
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.4 10.2 15.4





#17

Acenaphthene

Concen: 0.355 ng

RT: 14.11 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :

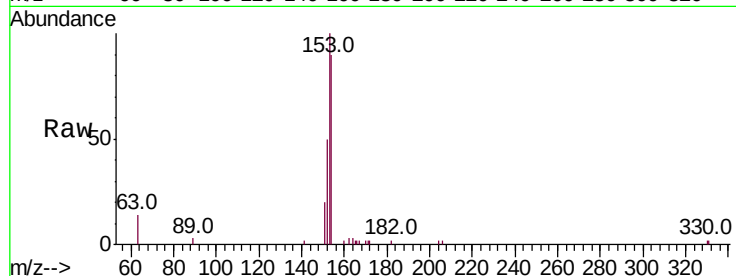
Tot Ion:154 Resp: 3784

Ion Ratio Lower Upper

154 100

153 112.6 88.9 133.3

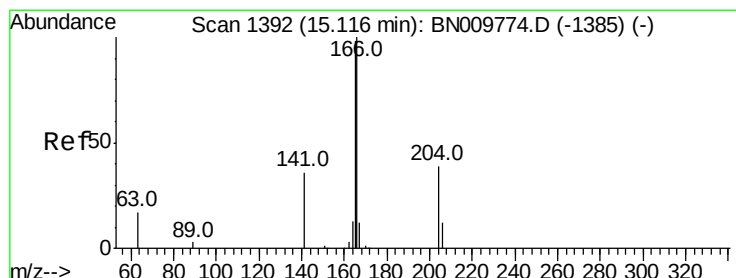
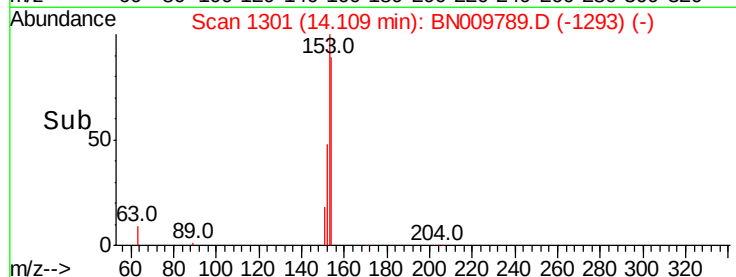
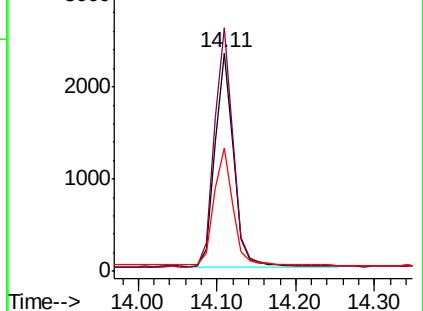
152 55.9 44.2 66.2



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: 0.342 ng

RT: 15.11 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

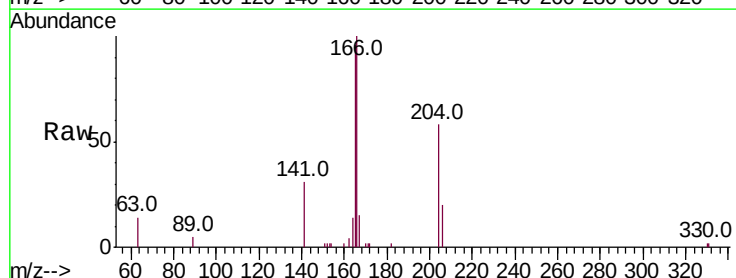
Tgt Ion:166 Resp: 4820

Ion Ratio Lower Upper

166 100

165 96.7 77.2 115.8

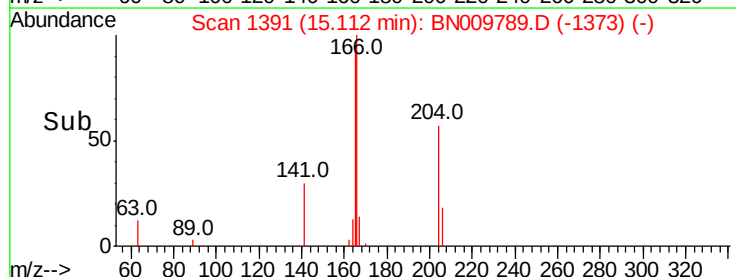
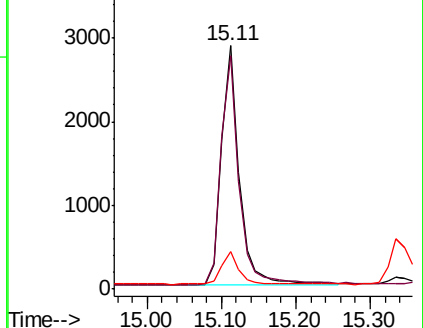
167 13.5 10.5 15.7

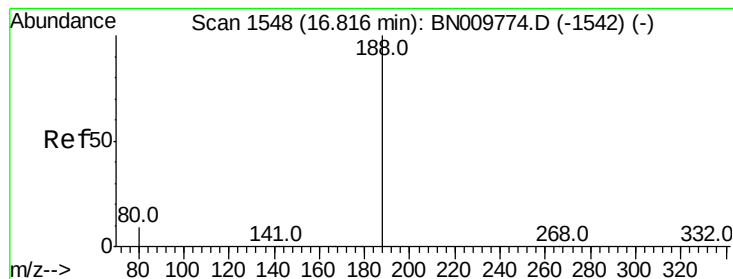


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.81 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :

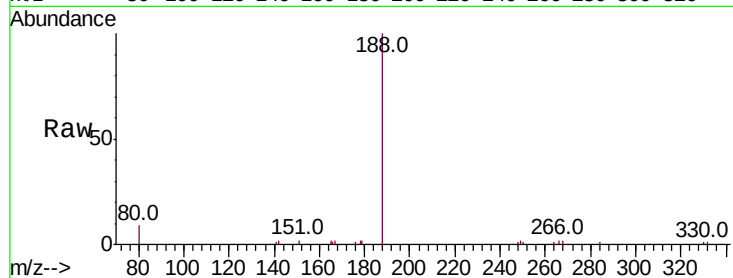
Tot Ion:188 Resp: 7054

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

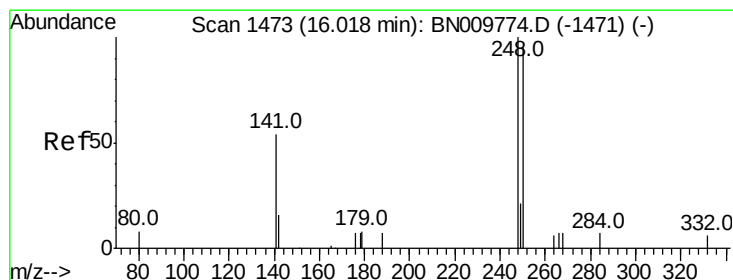
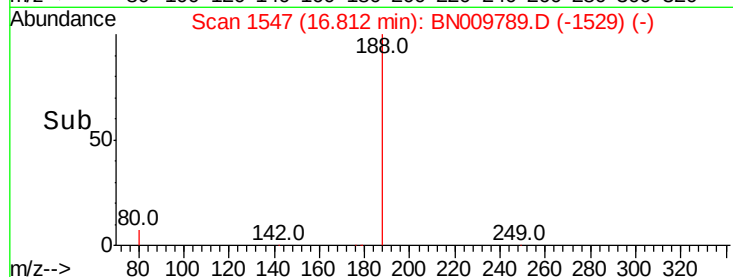
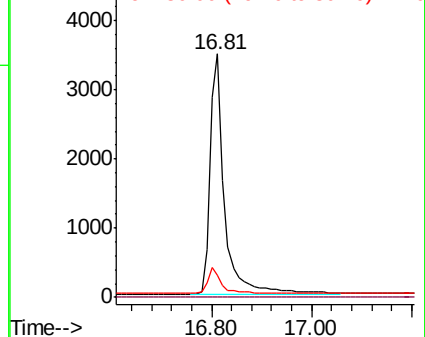
80 9.0 8.3 12.5



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: 0.139 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

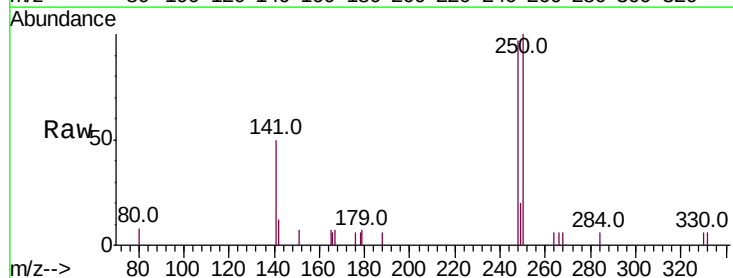
Tgt Ion:248 Resp: 1018

Ion Ratio Lower Upper

248 100

250 102.6 76.2 114.4

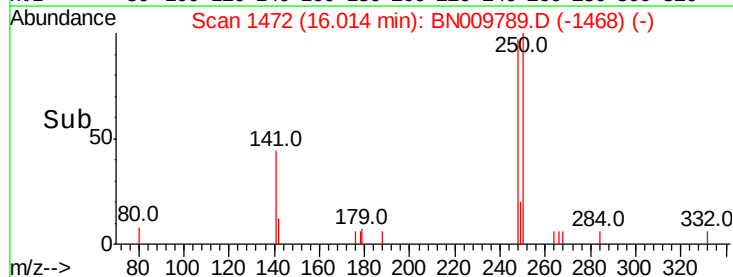
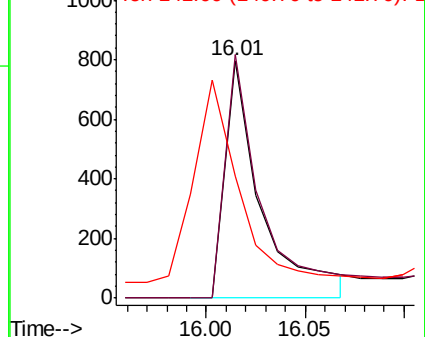
141 51.5 57.8 86.6#

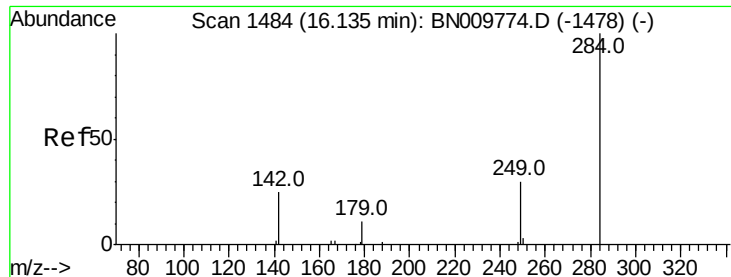


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

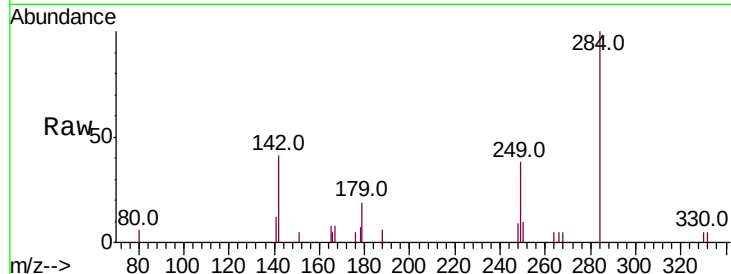




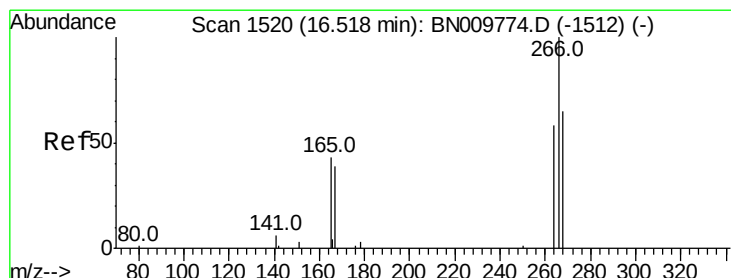
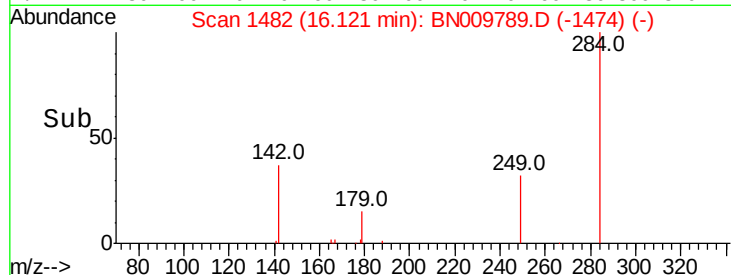
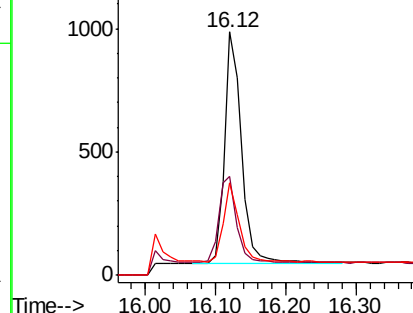
#21
Hexachlorobenzene
Concen: 0.361 ng
RT: 16.12 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN009789.D
Acq: 20 Feb 2020 21:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.6	33.3	49.9
249	33.1	25.7	38.5

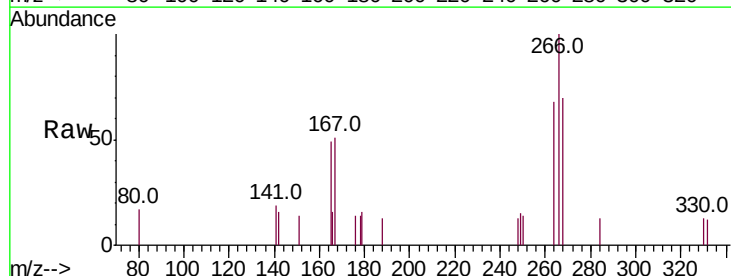


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

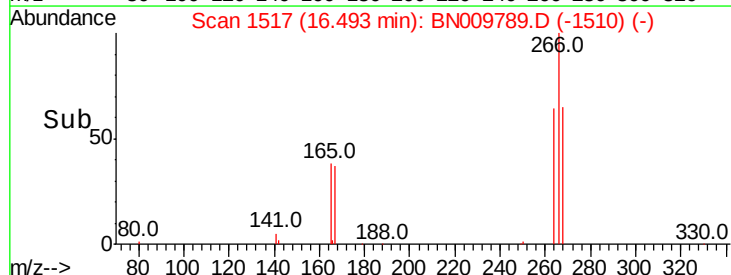
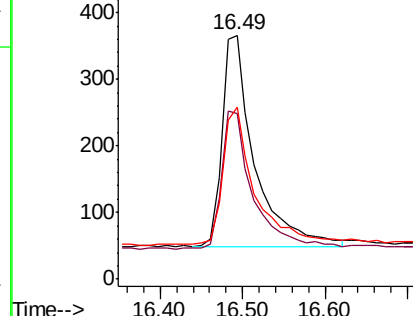


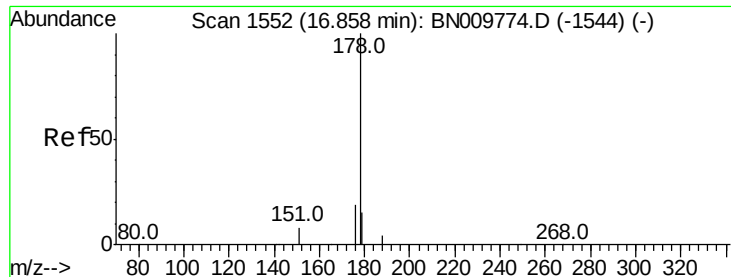
#22
Pentachlorophenol
Concen: 0.771 ng
RT: 16.49 min Scan# 1517
Delta R.T. -0.03 min
Lab File: BN009789.D
Acq: 20 Feb 2020 21:25

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.8	58.1	87.1
268	70.5	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: 0.338 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :

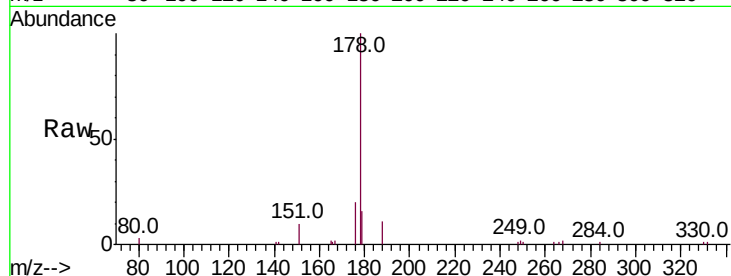
Tot Ion:178 Resp: 7098

Ion Ratio Lower Upper

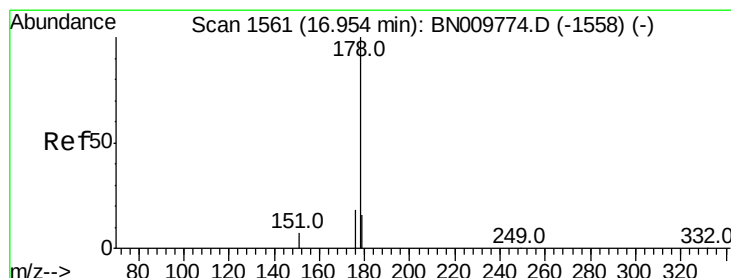
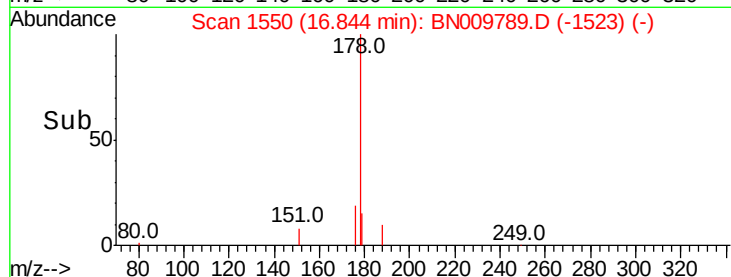
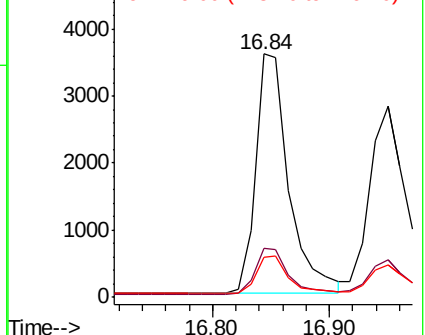
178 100

176 18.8 15.3 22.9

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



#24

Anthracene

Concen: 0.363 ng

RT: 16.95 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

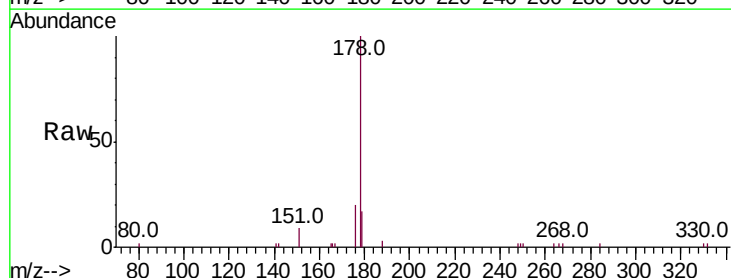
Tgt Ion:178 Resp: 6442

Ion Ratio Lower Upper

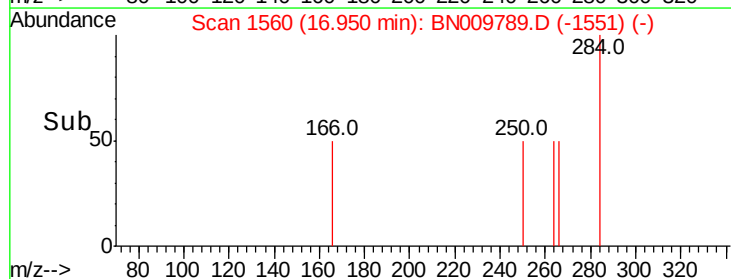
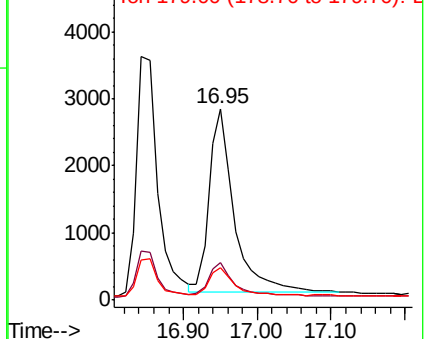
178 100

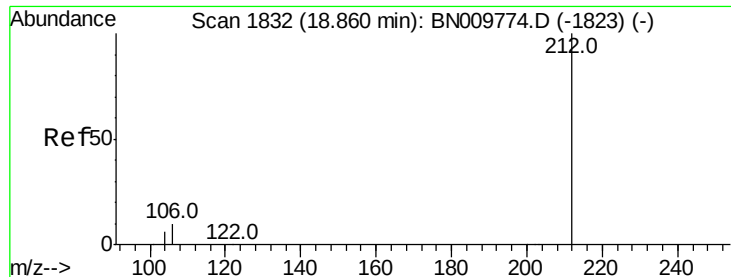
176 18.3 14.3 21.5

179 14.6 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: 0.305 ng

RT: 18.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :

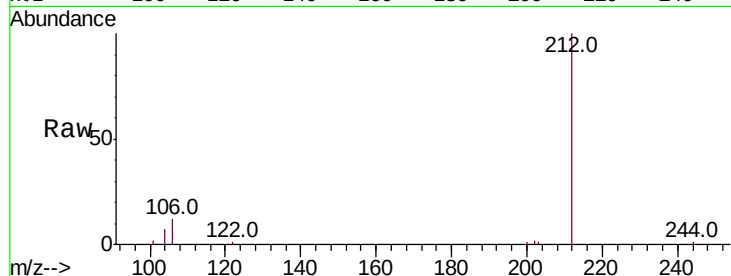
Tot Ion:212 Resp: 7452

Ion Ratio Lower Upper

212 100

106 11.1 8.4 12.6

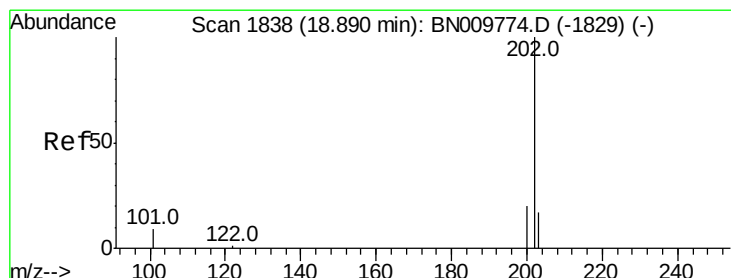
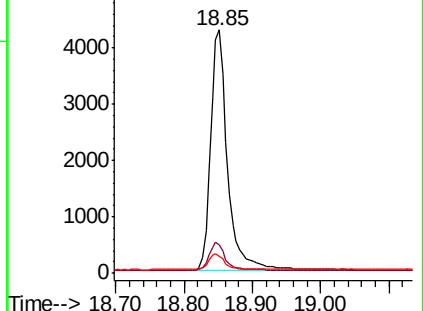
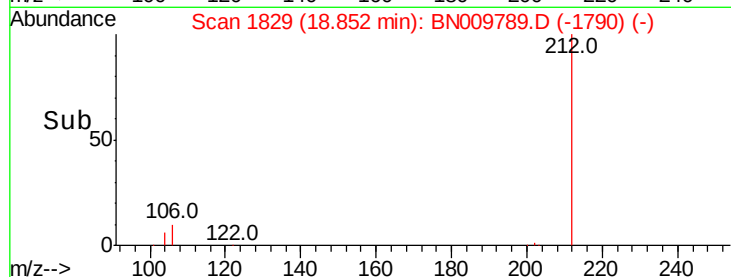
104 6.3 4.8 7.2



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: 0.321 ng

RT: 18.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

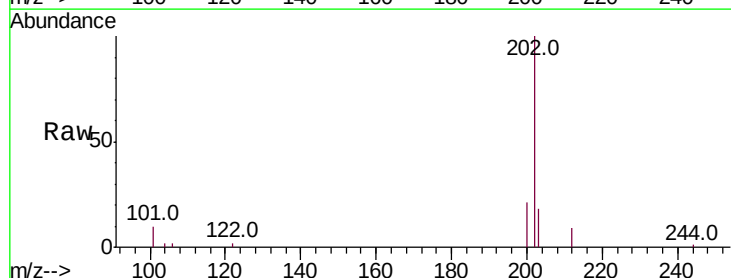
Tgt Ion:202 Resp: 8059

Ion Ratio Lower Upper

202 100

101 9.6 7.1 10.7

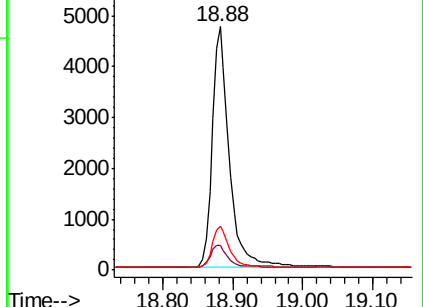
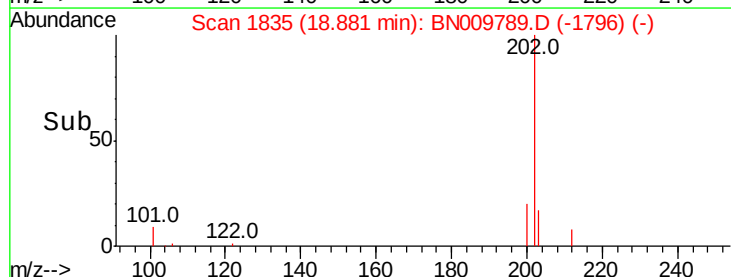
203 17.3 13.8 20.6

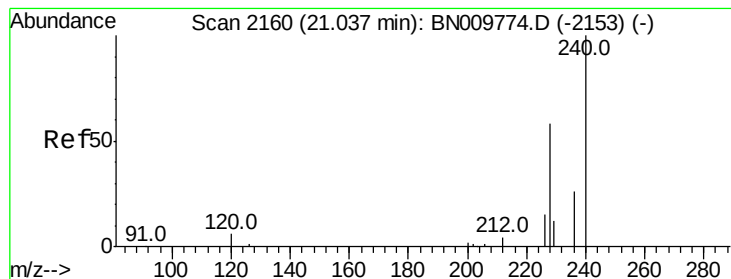


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.03 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :

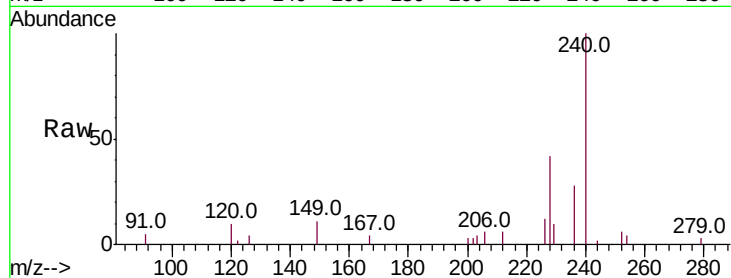
Tot Ion:240 Resp: 4836

Ion Ratio Lower Upper

240 100

120 9.5 7.9 11.9

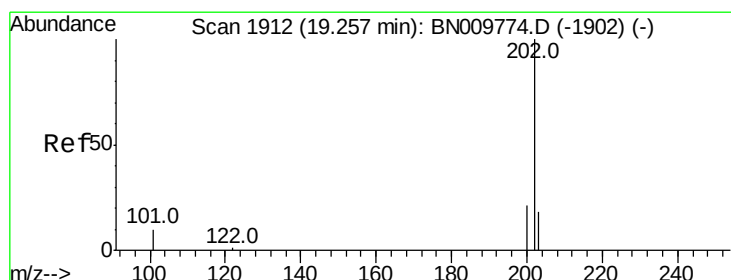
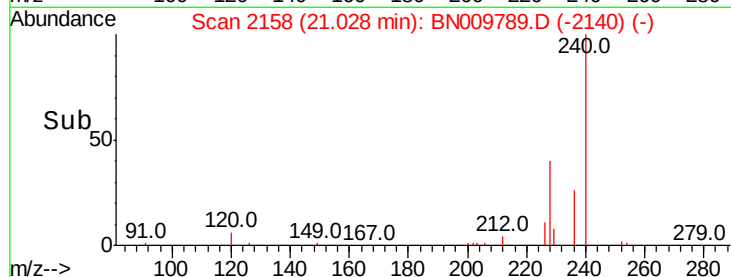
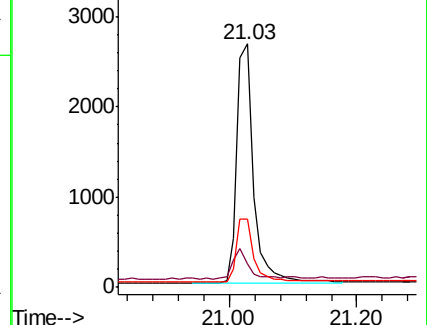
236 27.9 22.0 33.0



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: 0.438 ng

RT: 19.25 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

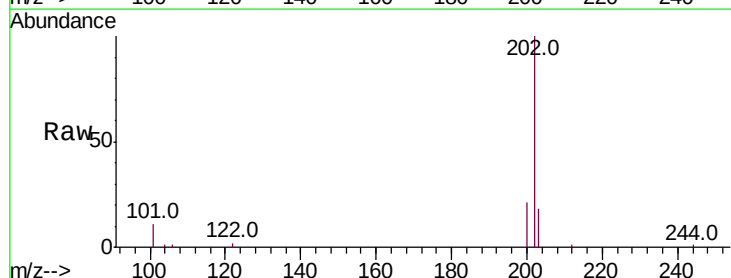
Tgt Ion:202 Resp: 8042

Ion Ratio Lower Upper

202 100

200 20.2 16.4 24.6

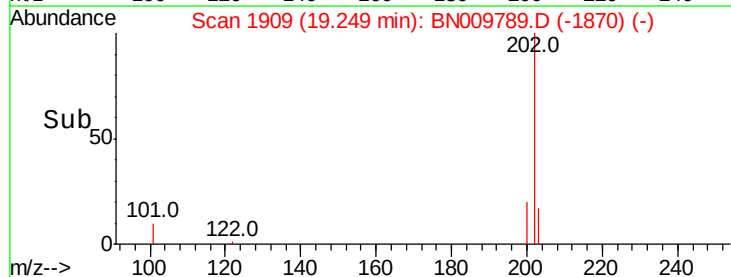
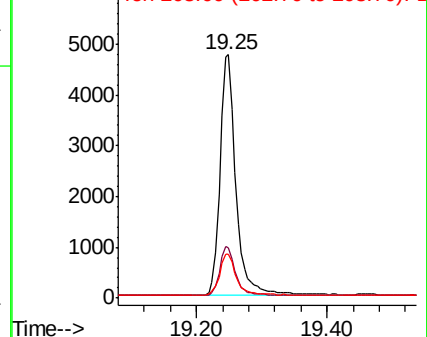
203 17.7 13.9 20.9

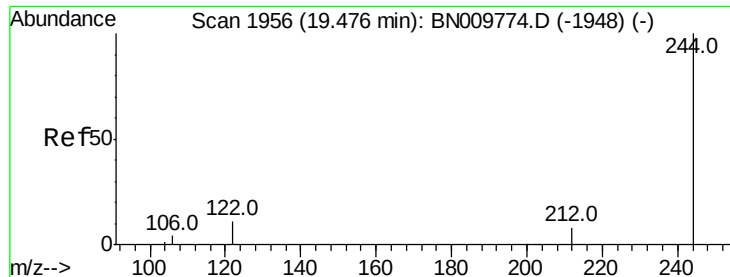


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.978 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :

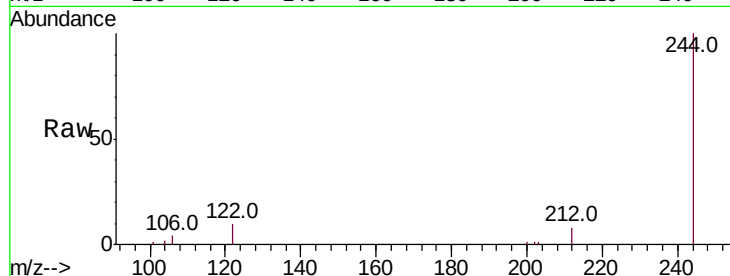
Tot Ion:244 Resp: 11301

Ion Ratio Lower Upper

244 100

212 8.4 8.0 12.0

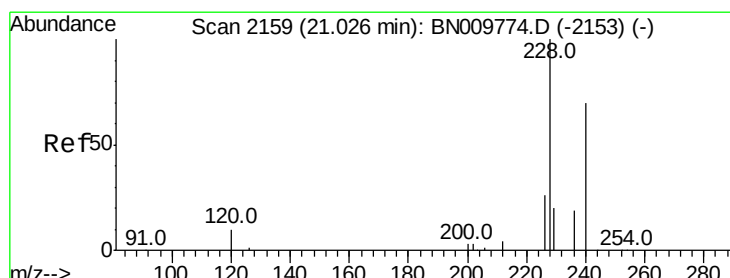
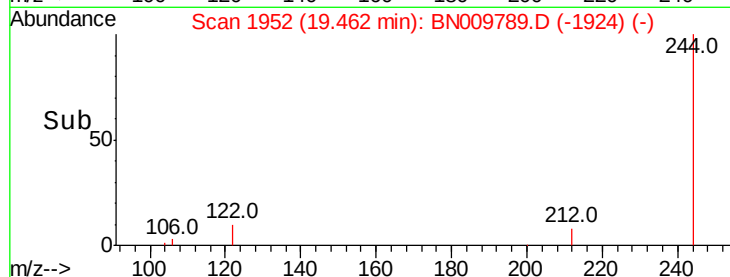
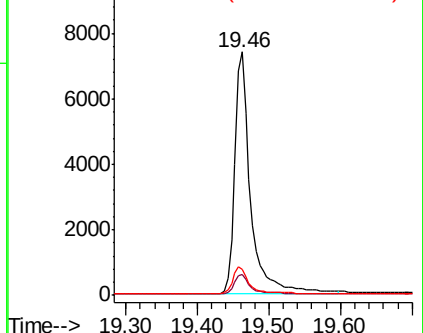
122 10.5 10.0 15.0



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: 0.364 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

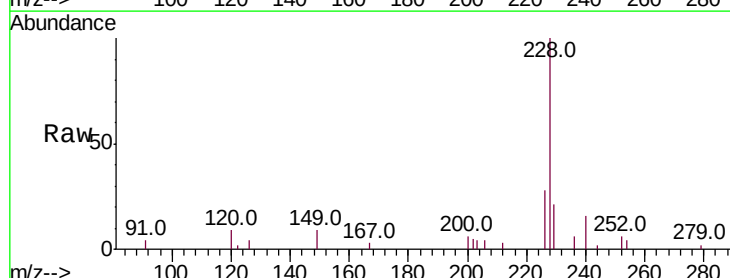
Tgt Ion:228 Resp: 5840

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.8

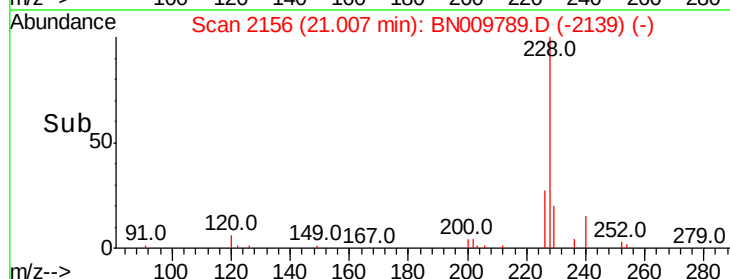
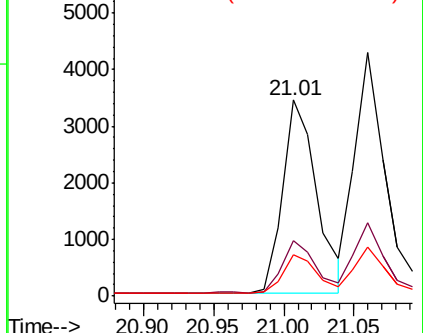
229 20.9 17.1 25.7

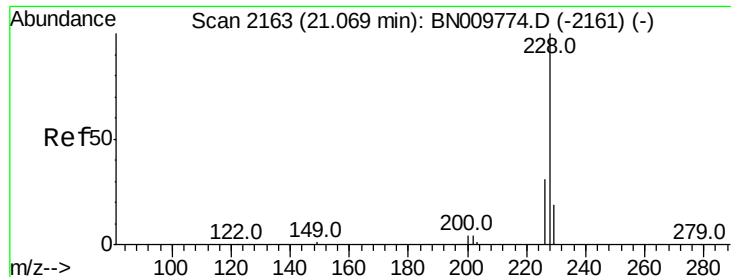


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.345 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

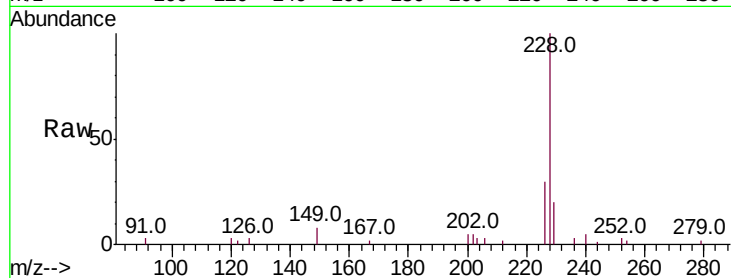
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 6405

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.8	37.2
229	20.3	16.4	24.6

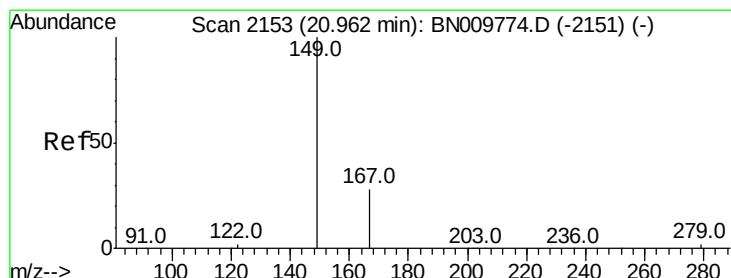
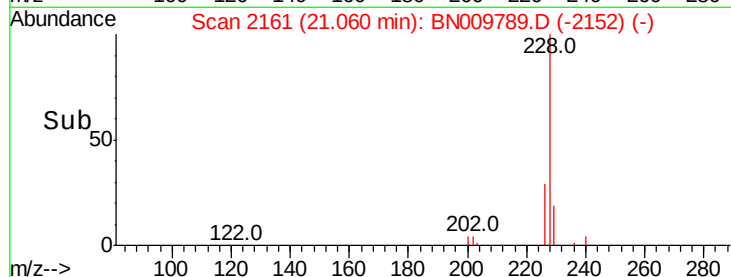
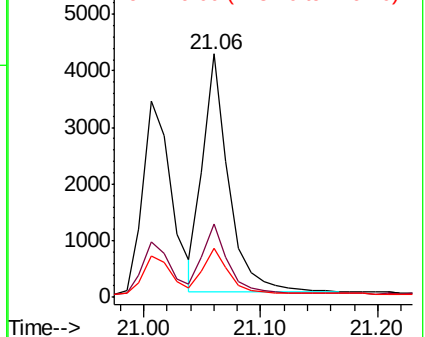


Abundance

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: 0.375 ng

RT: 20.95 min Scan# 2151

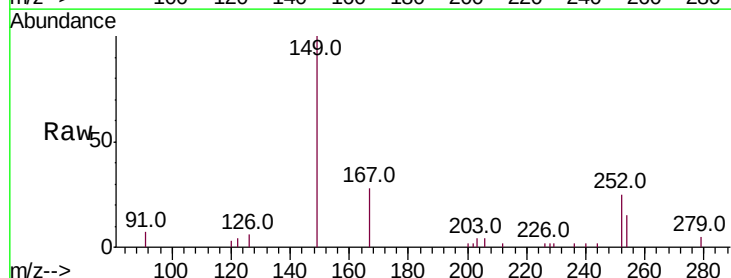
Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Tgt Ion:149 Resp: 2933

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.7	34.1
279	4.2	3.1	4.7

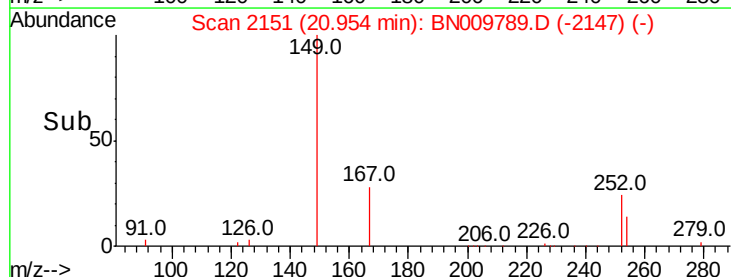
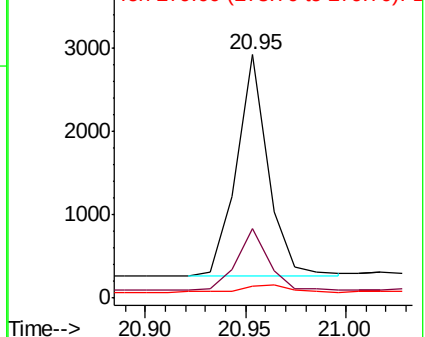


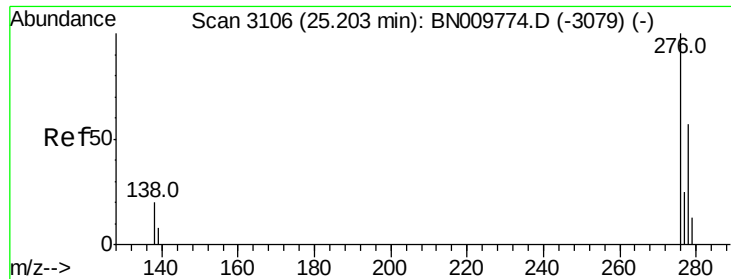
Abundance

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: 0.330 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.02 min

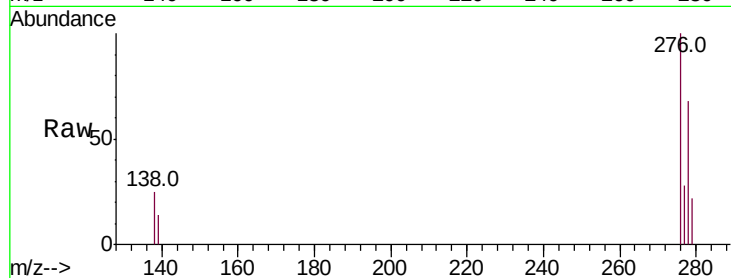
Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :



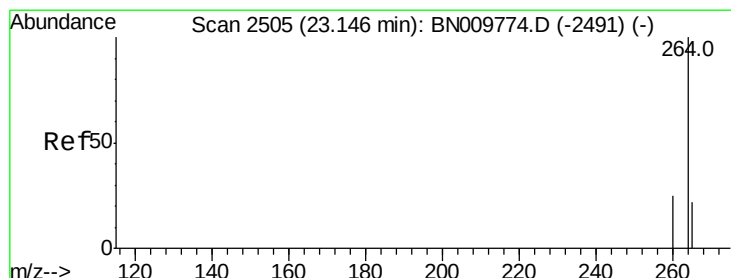
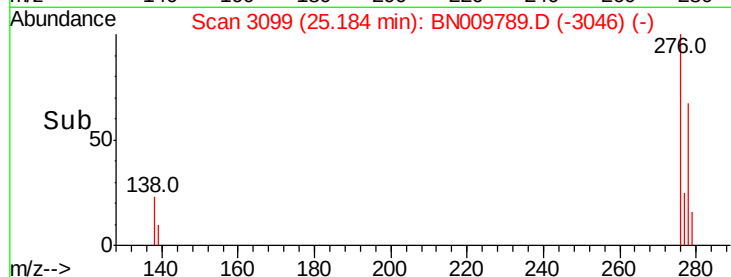
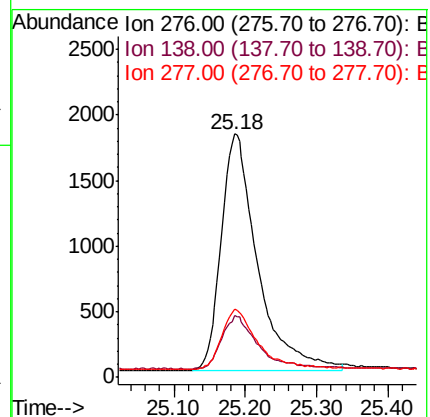
Tot Ion:276 Resp: 6389

Ion Ratio Lower Upper

276 100

138 20.3 15.8 23.6

277 24.2 19.3 28.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.13 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

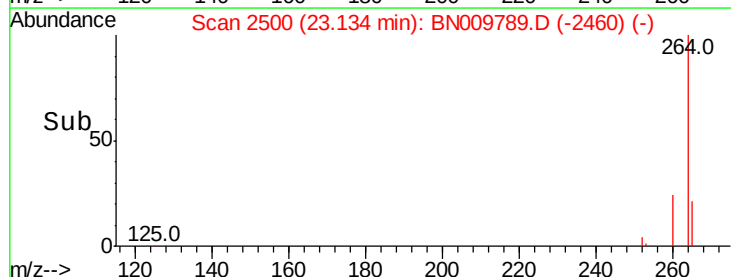
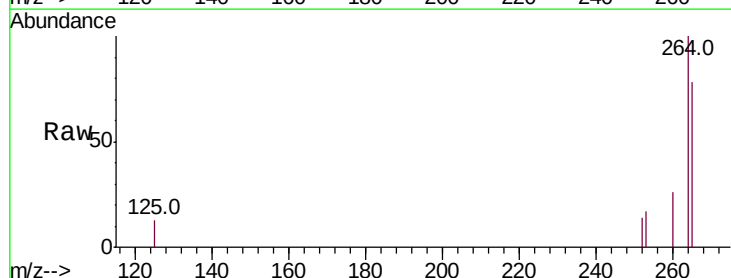
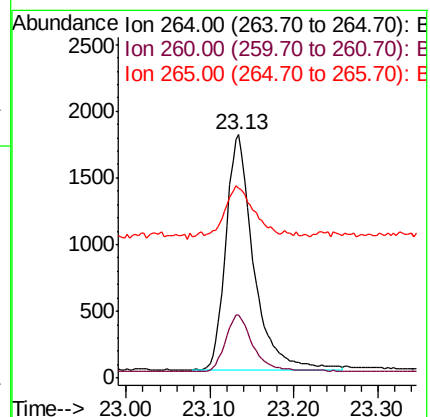
Tgt Ion:264 Resp: 4039

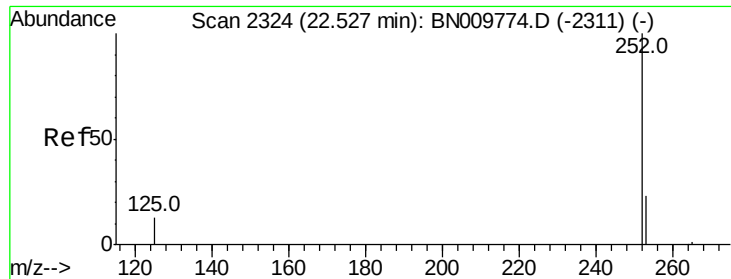
Ion Ratio Lower Upper

264 100

260 26.1 21.1 31.7

265 78.1 57.5 86.3

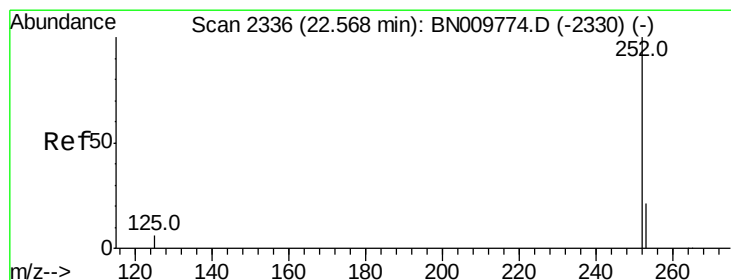
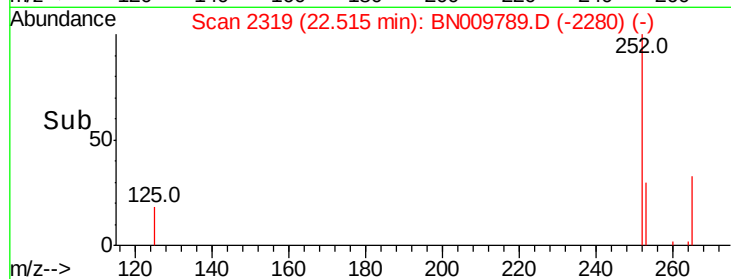
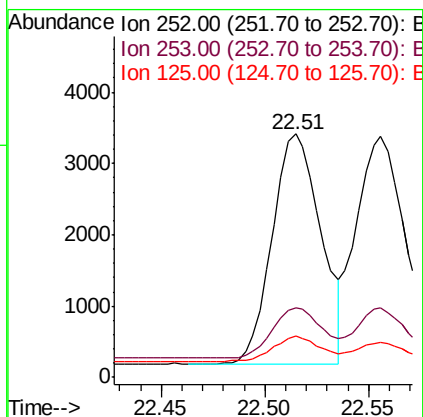
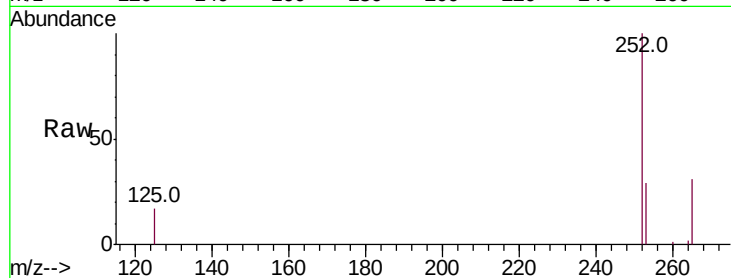




#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.51 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BN009789.D
Acq: 20 Feb 2020 21:25

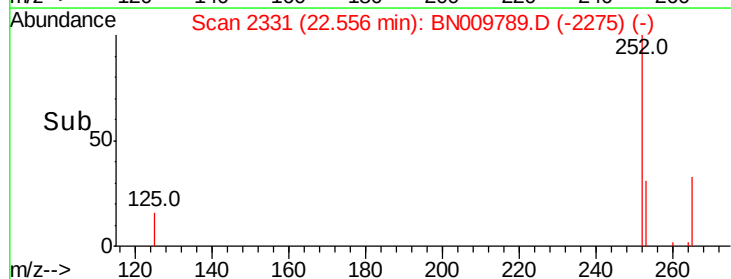
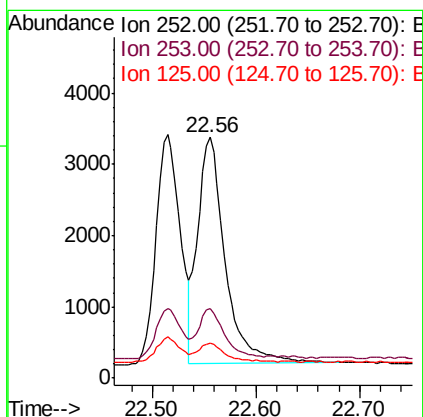
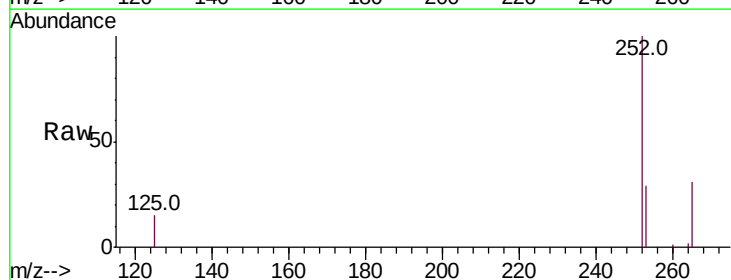
Instrument :
BNA_N
ClientSampleId :

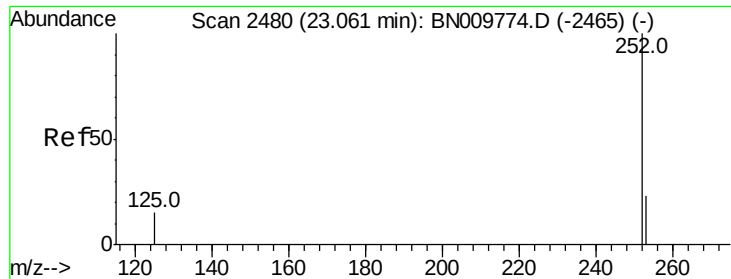
Tot Ion:252 Resp: 5284
Ion Ratio Lower Upper
252 100
253 28.7 23.0 34.6
125 17.2 14.4 21.6



#36
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 22.56 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN009789.D
Acq: 20 Feb 2020 21:25

Tgt Ion:252 Resp: 5893
Ion Ratio Lower Upper
252 100
253 28.9 22.2 33.2
125 14.7 10.5 15.7

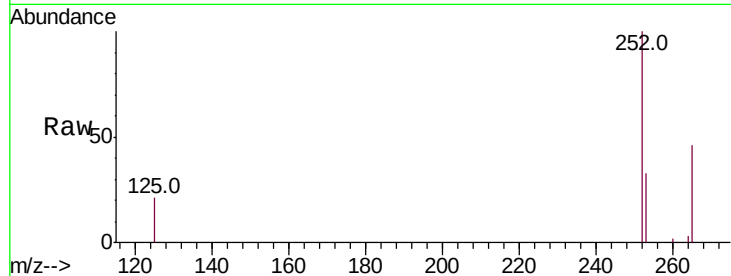




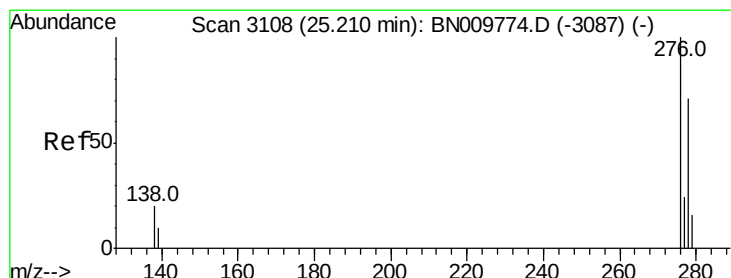
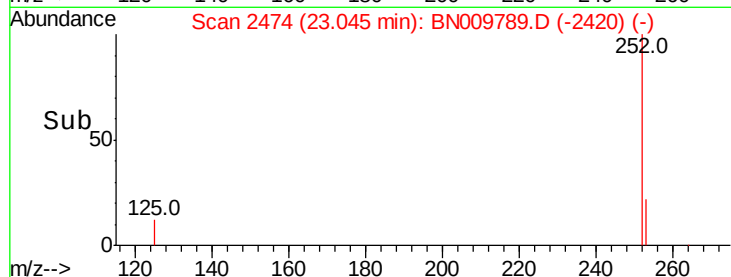
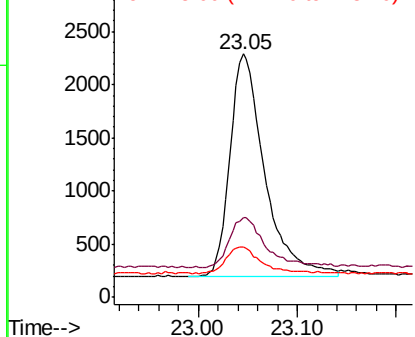
#37
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.05 min Scan# 2474
Delta R.T. -0.02 min
Lab File: BN009789.D
Acq: 20 Feb 2020 21:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 5096
Ion Ratio Lower Upper
252 100
253 32.6 25.3 37.9
125 20.7 17.7 26.5

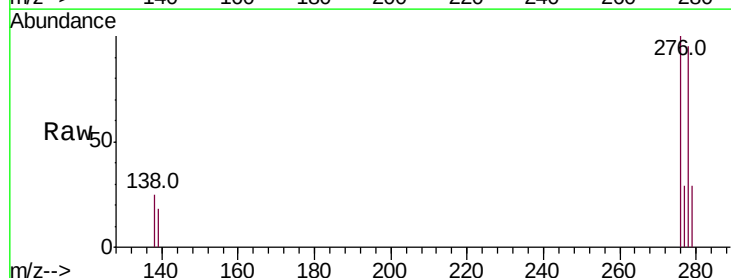


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

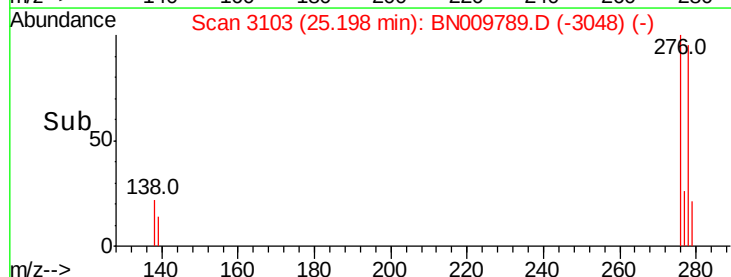
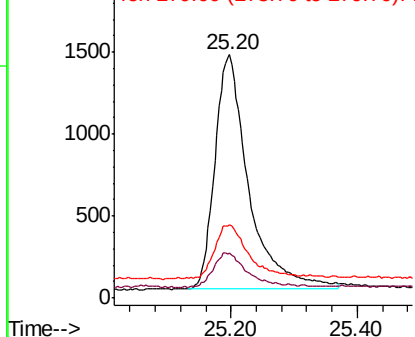


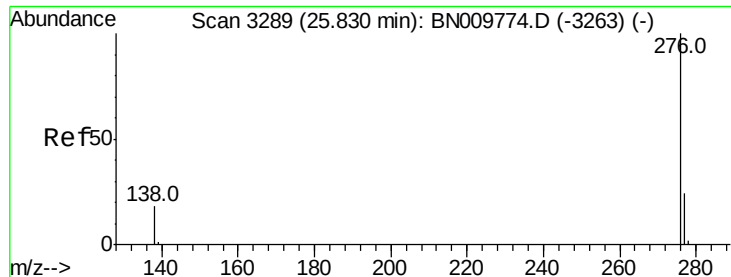
#38
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 25.20 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN009789.D
Acq: 20 Feb 2020 21:25

Tgt Ion:278 Resp: 5313
Ion Ratio Lower Upper
278 100
139 18.6 14.5 21.7
279 30.3 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: 0.417 ng

RT: 25.80 min Scan# 3280

Delta R.T. -0.03 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

Instrument :

BNA_N

ClientSampleId :

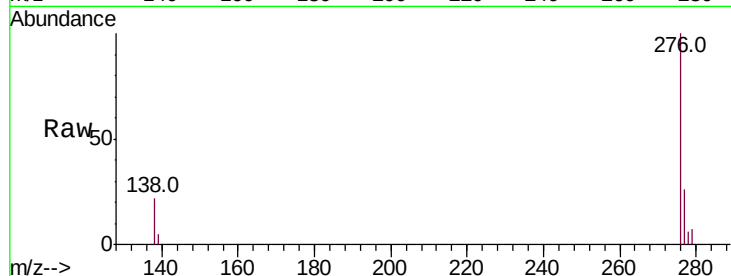
Tot Ion:276 Resp: 5894

Ion Ratio Lower Upper

276 100

277 26.2 21.4 32.0

138 22.3 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

