

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 :
 PB126764BS

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

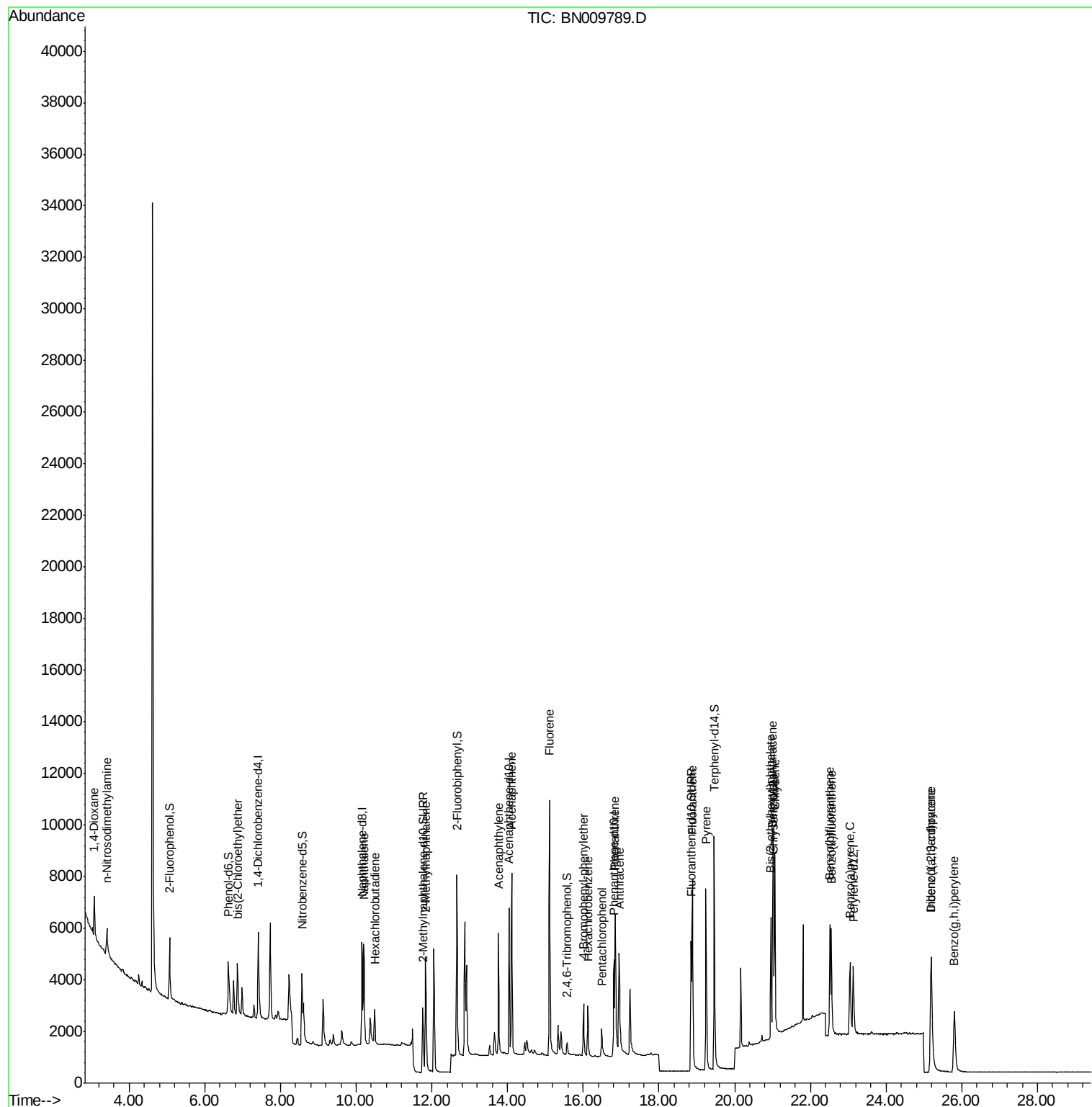
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	595	0.321	ng	# 33
3) n-Nitrosodimethylamine	3.40	42	1282	0.421	ng	# 83
6) bis(2-Chloroethyl)ether	6.86	93	1723	0.361	ng	88
9) Naphthalene	10.20	128	6004	0.365	ng	97
10) Hexachlorobutadiene	10.49	225	1202	0.332	ng	# 98
12) 2-Methylnaphthalene	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

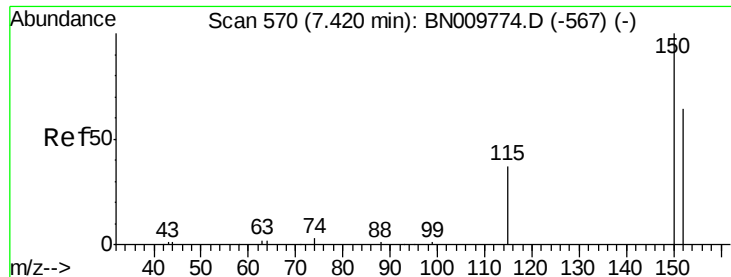
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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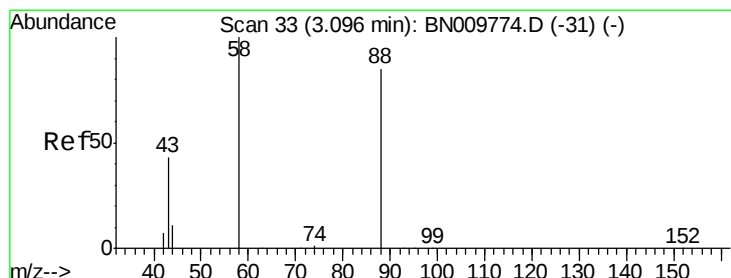
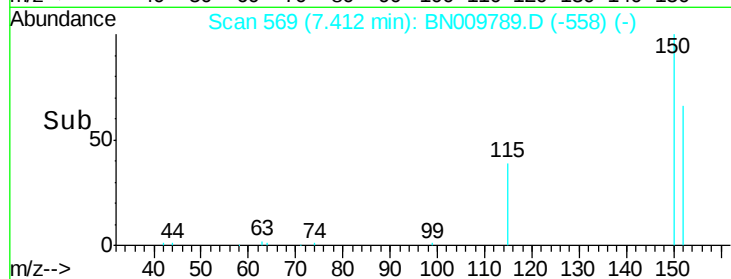
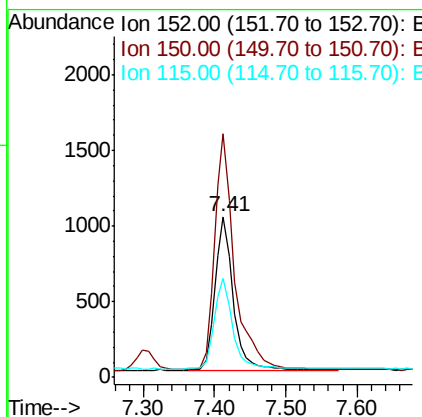
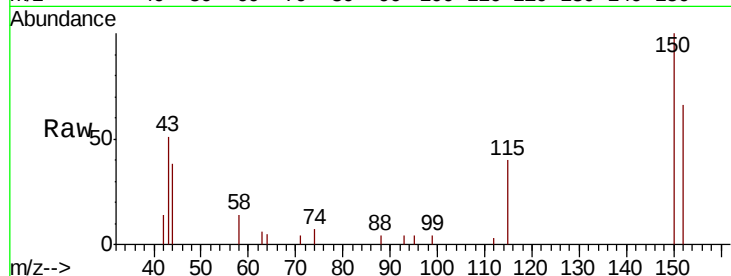




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.41 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BN009789.D
 Acq: 20 Feb 2020 21:25

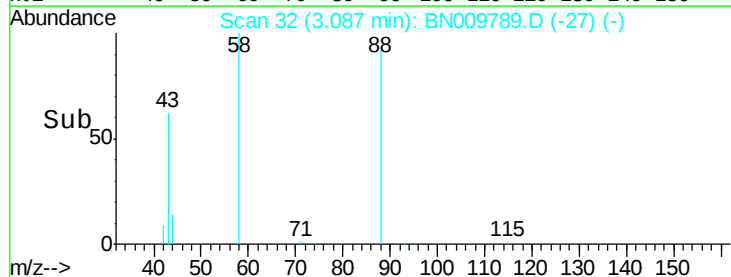
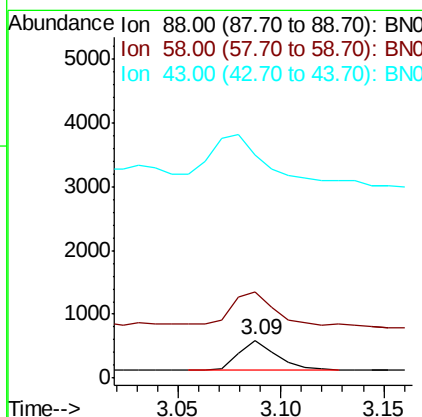
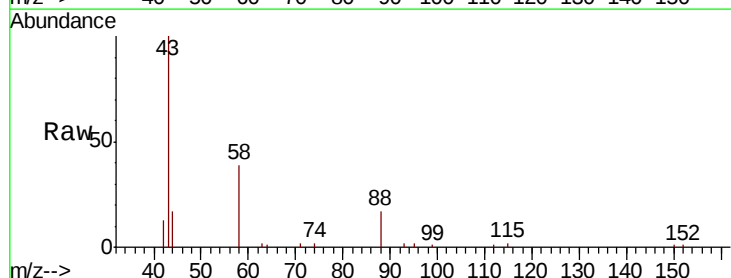
Instrument :
 BNA_N
 ClientSampleId :
 PB126764BS

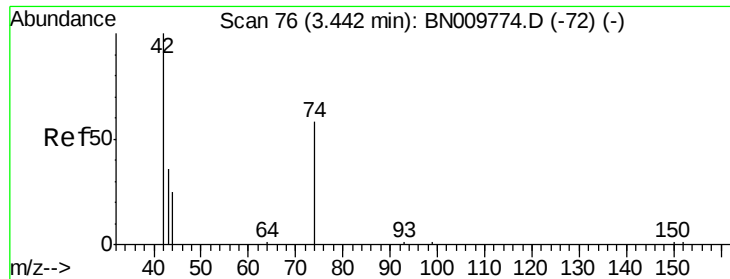
Tot Ion:152 Resp: 1812
 Ion Ratio Lower Upper
 152 100
 150 151.2 120.6 181.0
 115 61.2 51.2 76.8



#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#



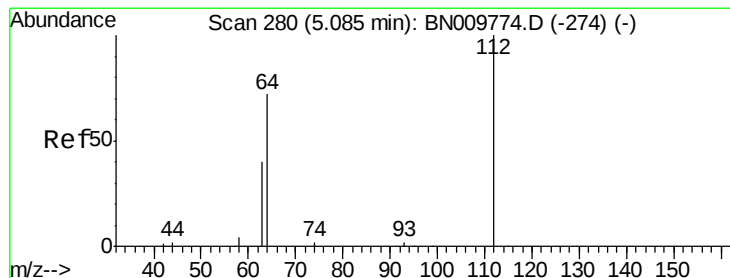
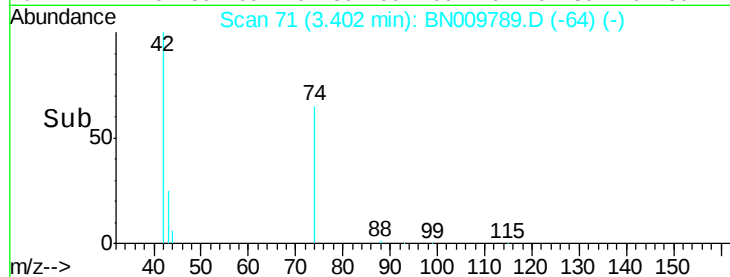
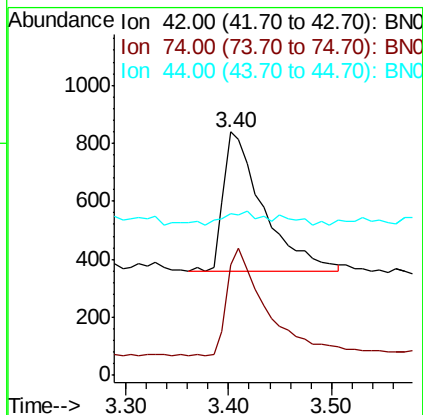
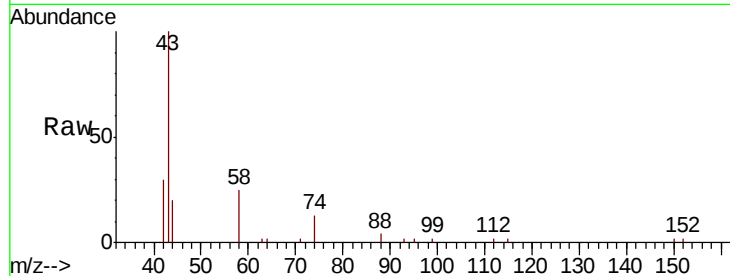


#3

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
 ClientSampleId :
 PB126764BS

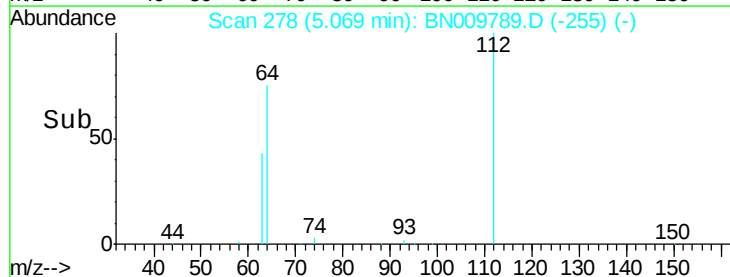
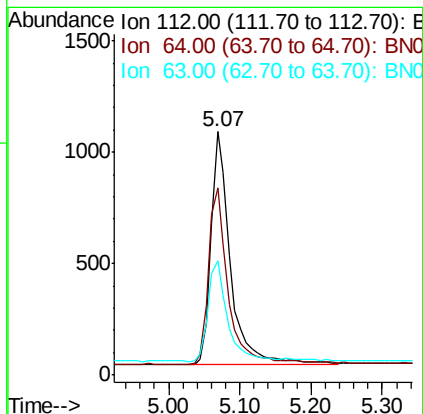
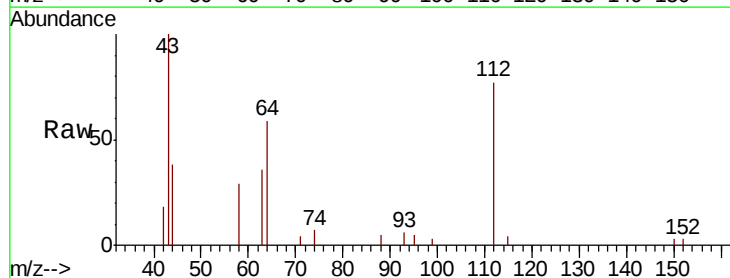
Tot Ion	Ratio	Lower	Upper
42	100		
74	77.5	51.2	76.8#
44	8.3	2.6	4.0#

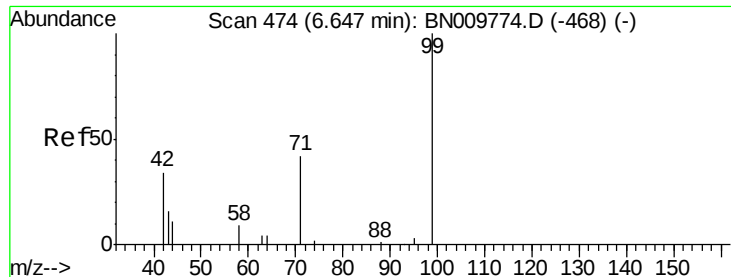


#4

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	Ratio	Lower	Upper
112	100		
64	77.2	65.8	98.6
63	44.2	38.7	58.1





#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

ClientSampleId :

PB126764BS

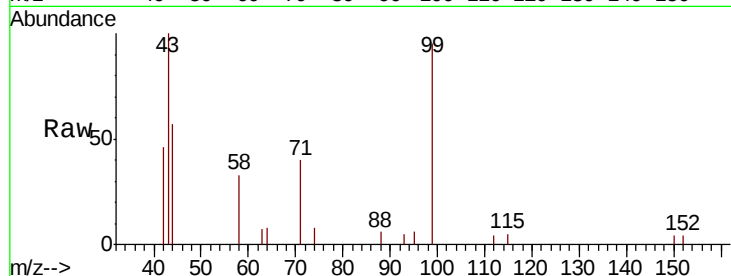
Tot Ion: 99 Resp: 2391

Ion Ratio Lower Upper

99 100

42 33.5 30.8 46.2

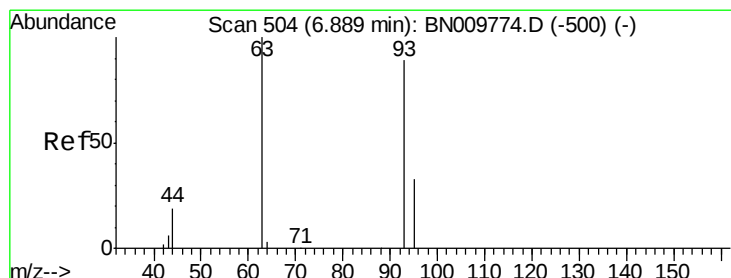
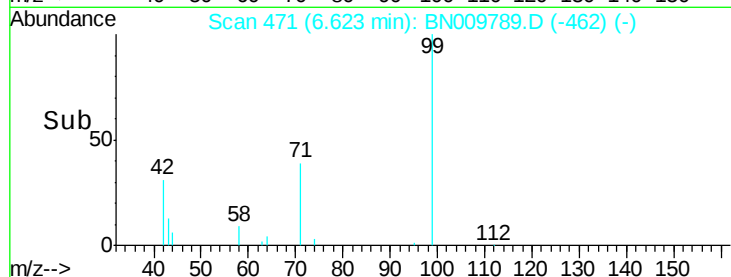
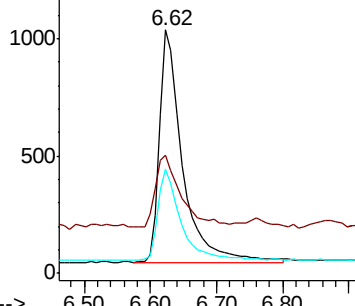
71 39.6 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): 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

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

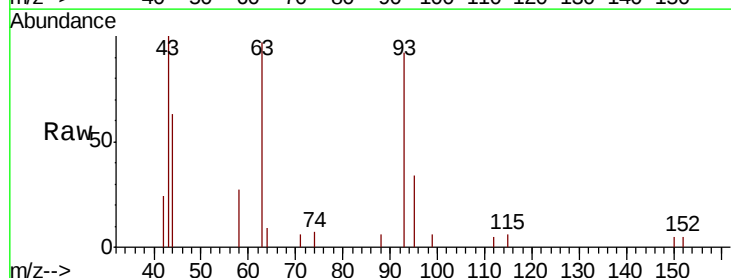
Tgt Ion: 93 Resp: 1723

Ion Ratio Lower Upper

93 100

63 107.4 74.0 111.0

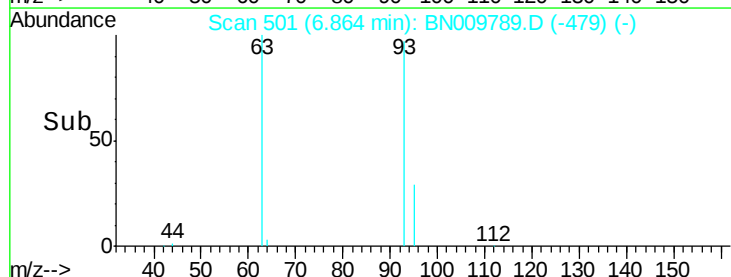
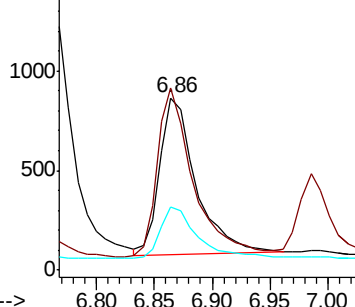
95 34.6 26.7 40.1

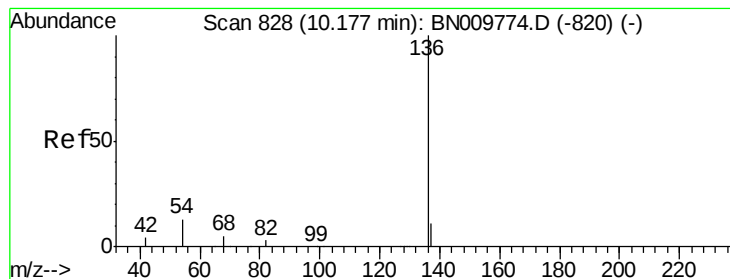


Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

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

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





#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 :

PB126764BS

Tot Ion:136 Resp: 6034

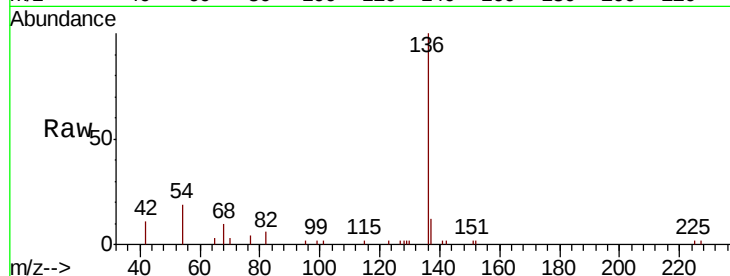
Ion Ratio Lower Upper

136 100

137 12.3 11.3 16.9

54 19.3 13.4 20.2

68 9.8 7.0 10.4

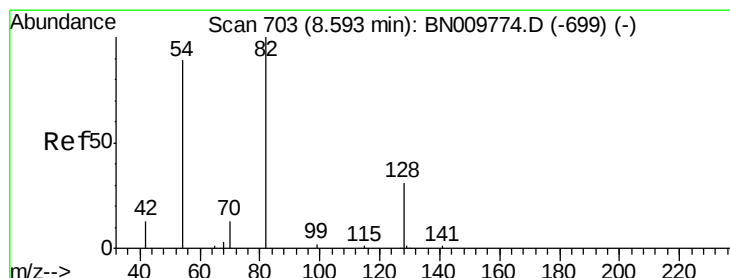
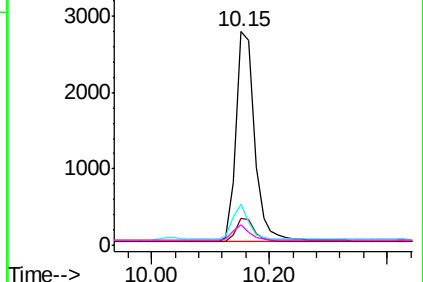
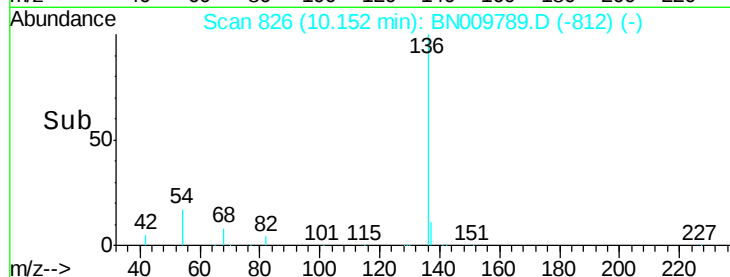


Abundance Ion 136.00 (135.70 to 136.70): E

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

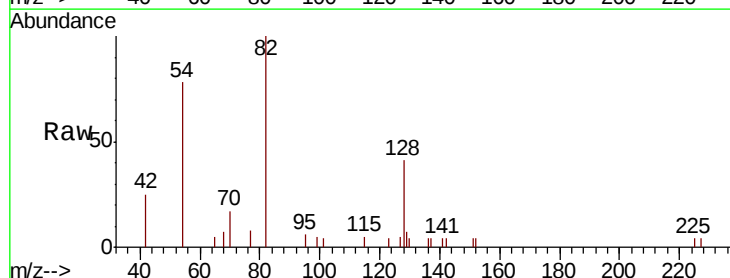
Tgt Ion: 82 Resp: 2706

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

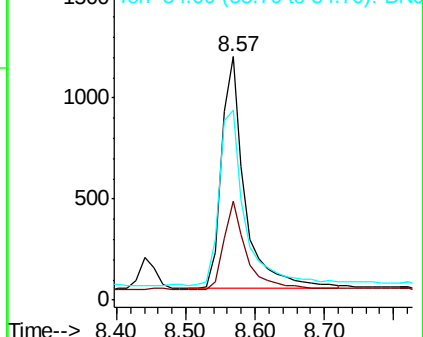
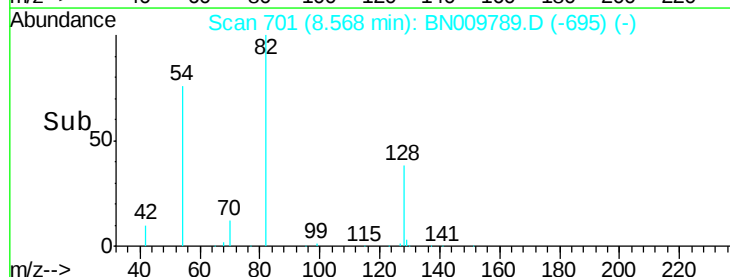
54 78.2 73.5 110.3

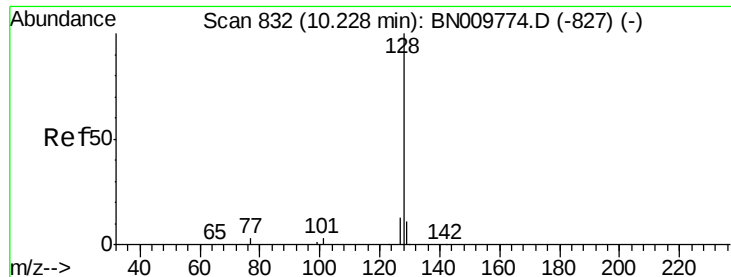


Abundance Ion 82.00 (81.70 to 82.70): BNC

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

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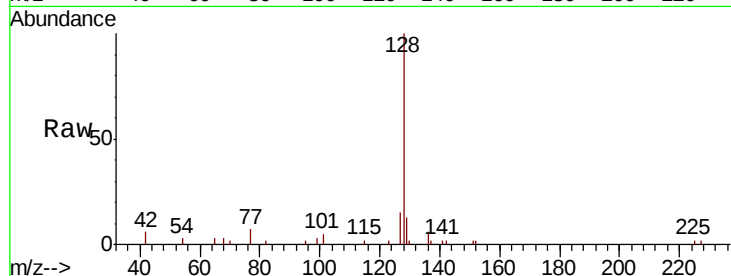
Tot Ion:128 Resp: 6004

Ion Ratio Lower Upper

128 100

129 12.6 11.1 16.7

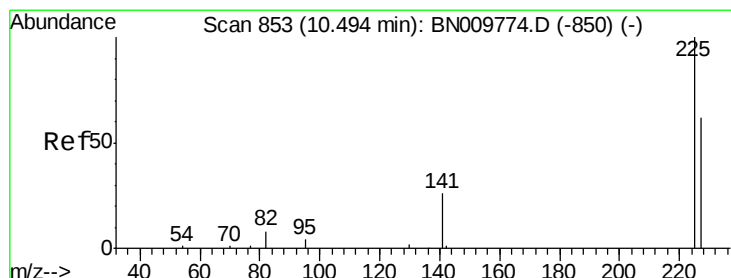
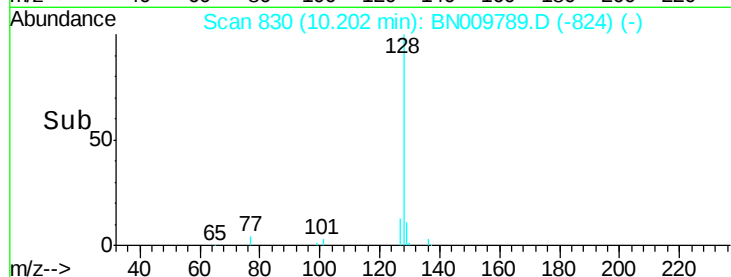
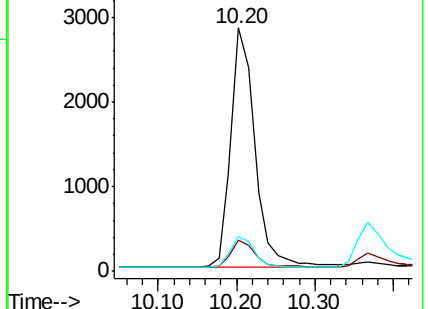
127 14.6 12.6 19.0



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

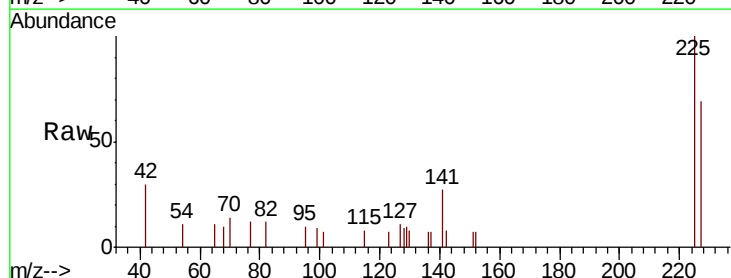
Tgt Ion:225 Resp: 1202

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

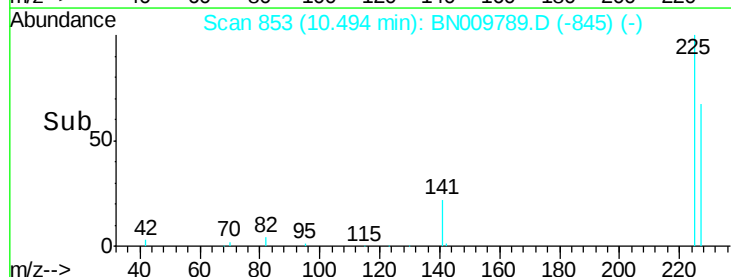
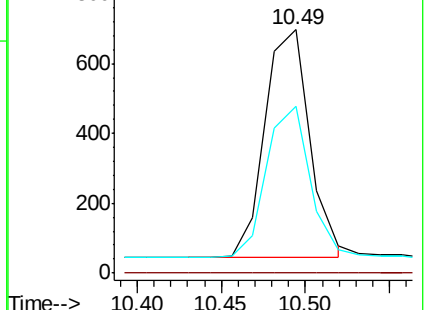
227 65.3 53.4 80.2

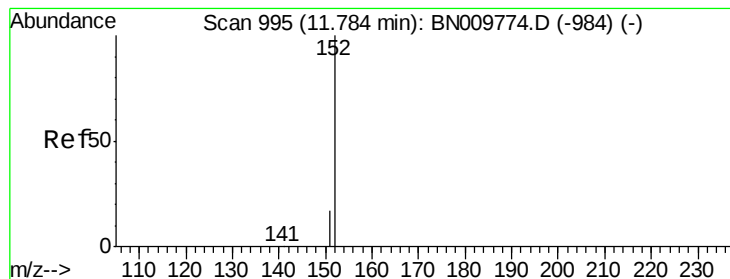


Abundance Ion 225.00 (224.70 to 225.70): E

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

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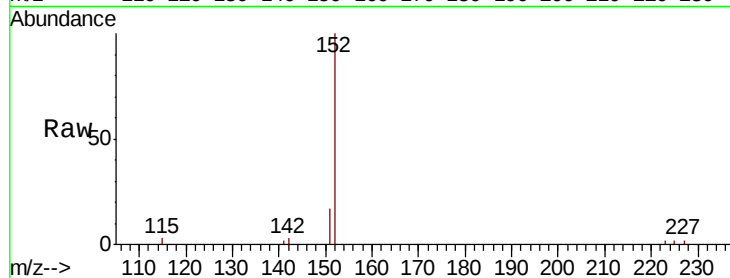
PB126764BS

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

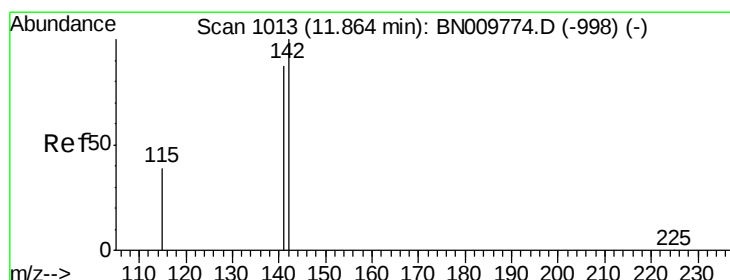
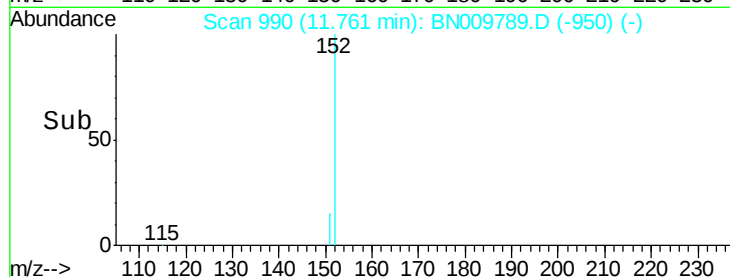
Time-->

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

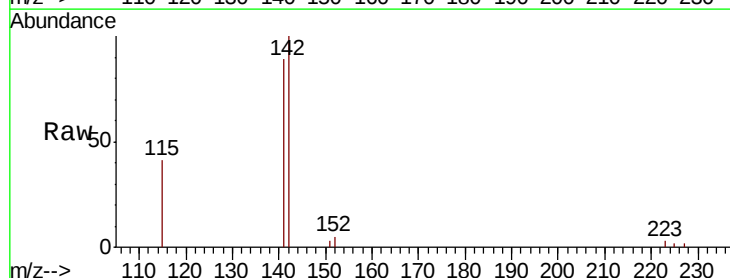
Tgt Ion:142 Resp: 4095

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

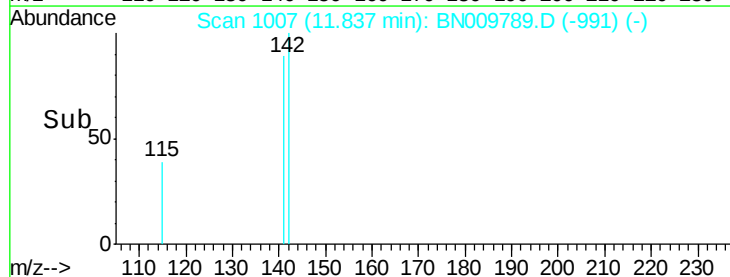
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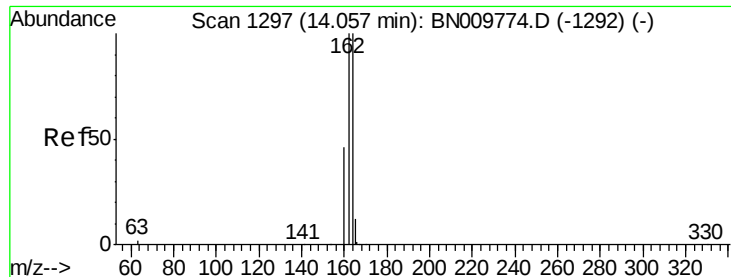
Time-->

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 :

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ClientSampleId :

PB126764BS

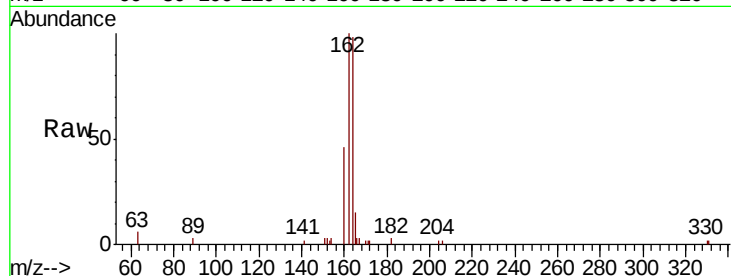
Tot Ion:164 Resp: 3558

Ion Ratio Lower Upper

164 100

162 102.1 79.9 119.9

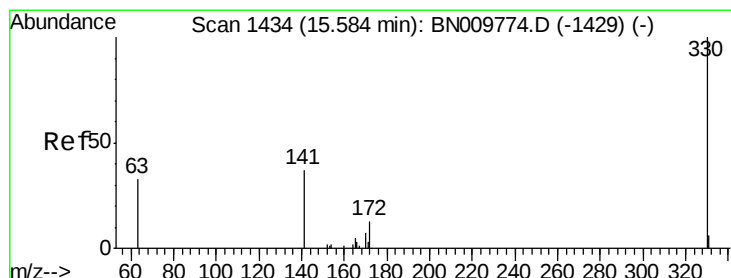
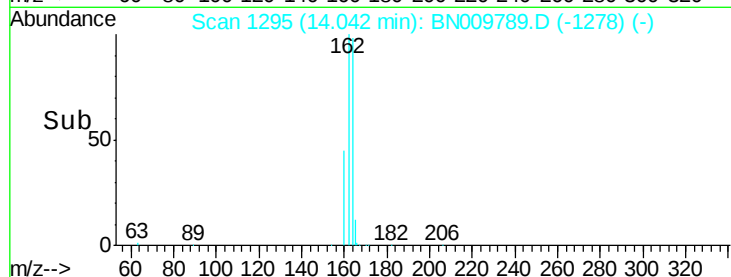
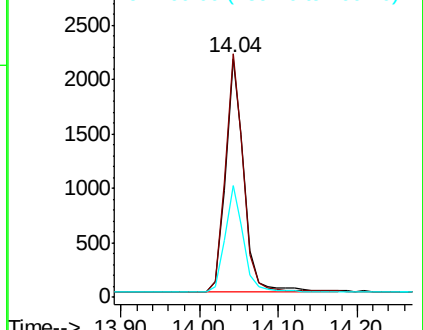
160 46.8 38.2 57.2



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

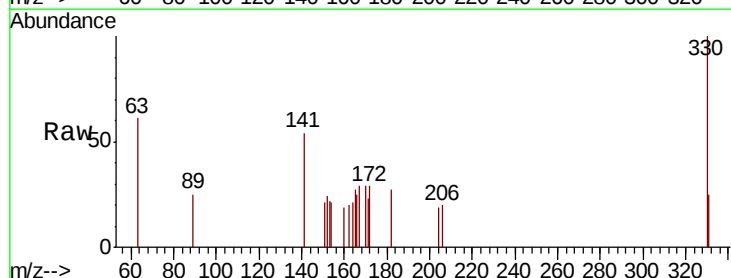
Tgt Ion:330 Resp: 496

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

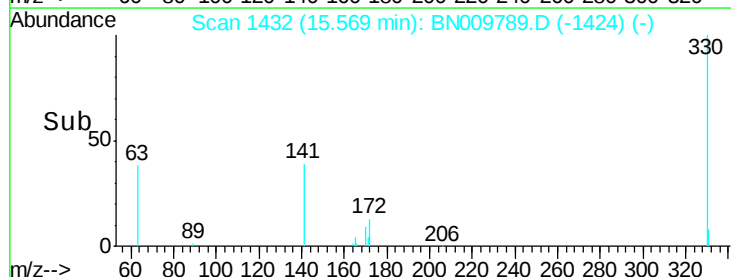
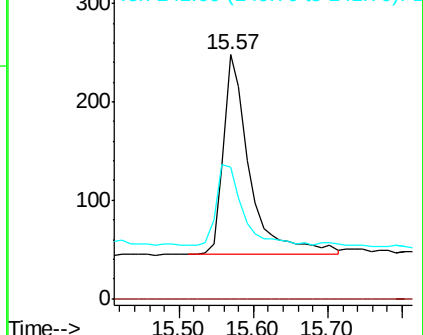
141 40.5 36.8 55.2

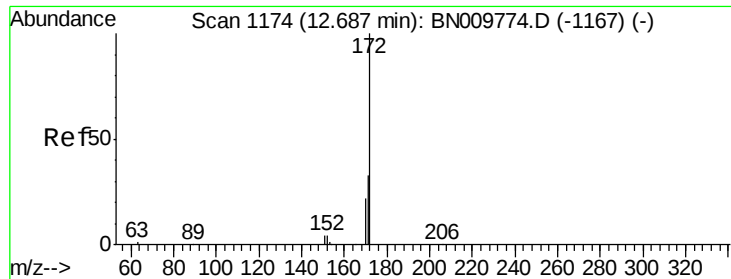


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

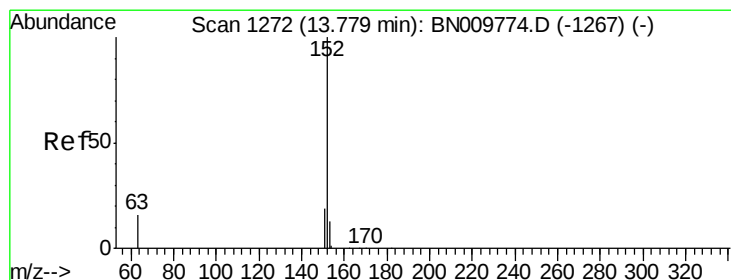
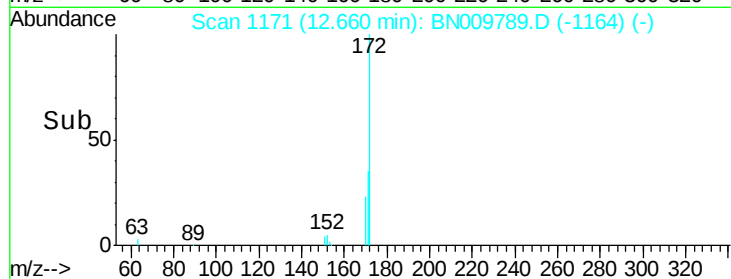
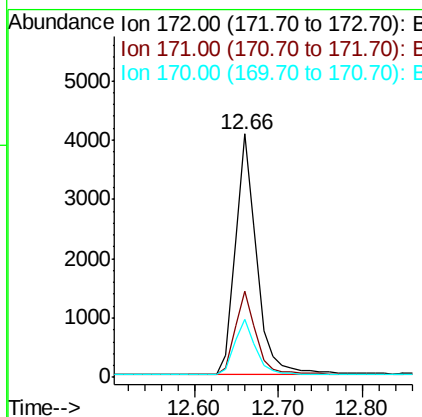
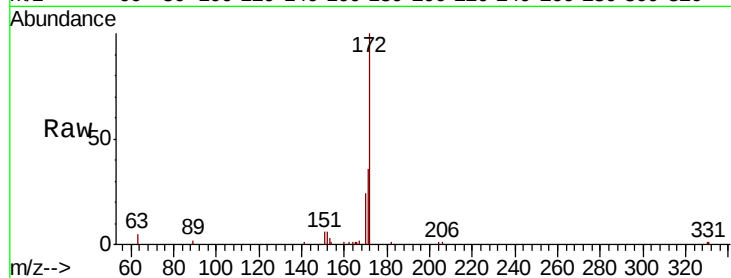




#15
2-Fluorobiphenyl
Concen: 0.534 ng
RT: 12.66 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BN009789.D
Acq: 20 Feb 2020 21:25

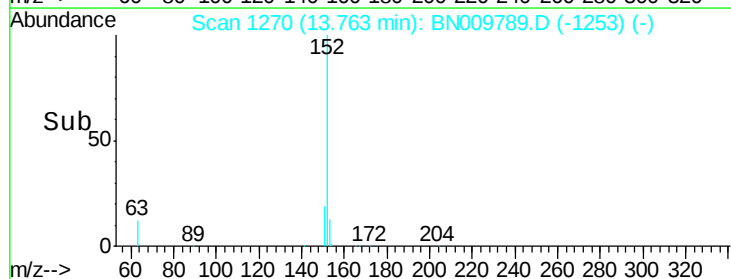
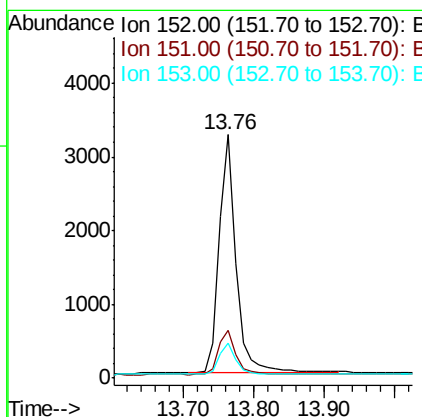
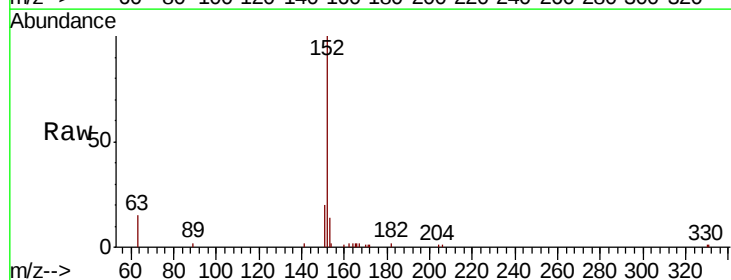
Instrument :
BNA_N
ClientSampleId :
PB126764BS

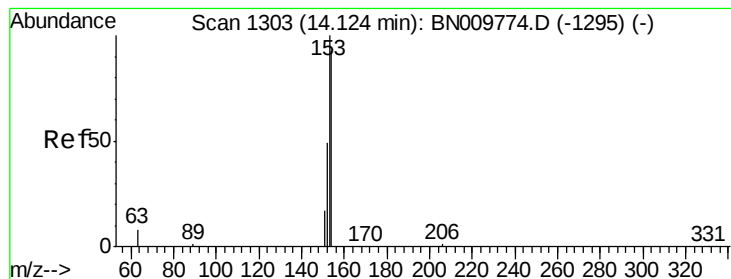
Tot Ion:172 Resp: 7175
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.8 20.1 30.1



#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 :

PB126764BS

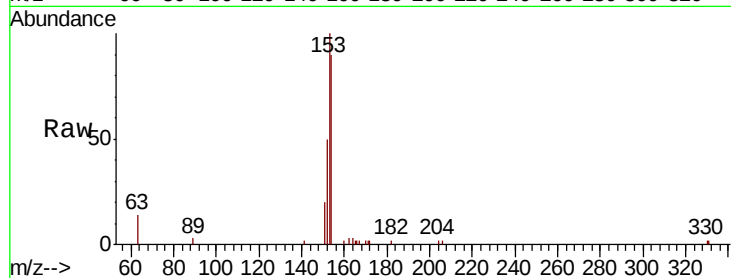
Tot Ion:154 Resp: 3784

Ion Ratio Lower Upper

154 100

153 112.6 88.9 133.3

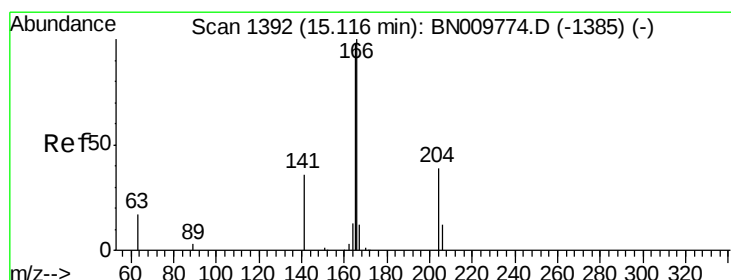
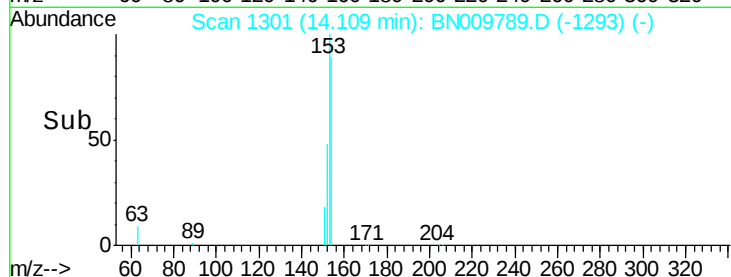
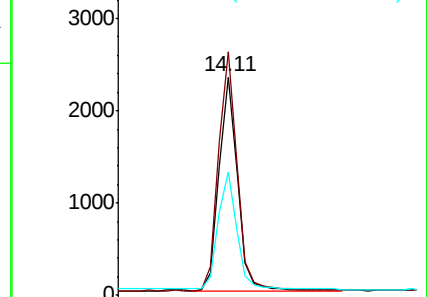
152 55.9 44.2 66.2



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

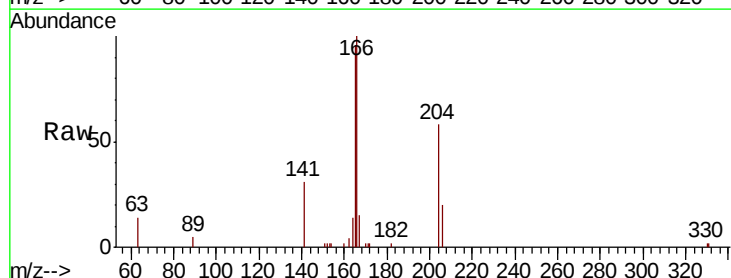
Tgt Ion:166 Resp: 4820

Ion Ratio Lower Upper

166 100

165 96.7 77.2 115.8

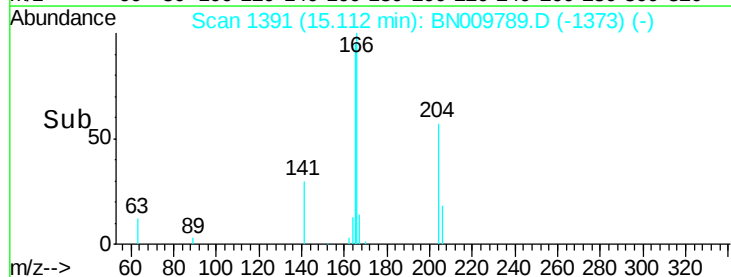
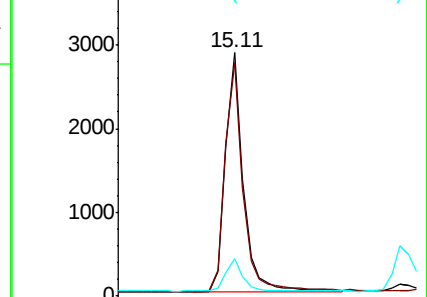
167 13.5 10.5 15.7

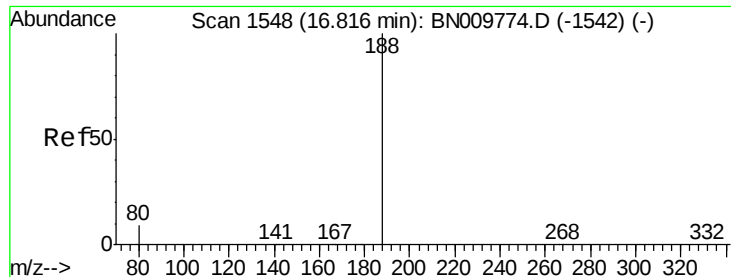


Abundance Ion 166.00 (165.70 to 166.70): E

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 :

PB126764BS

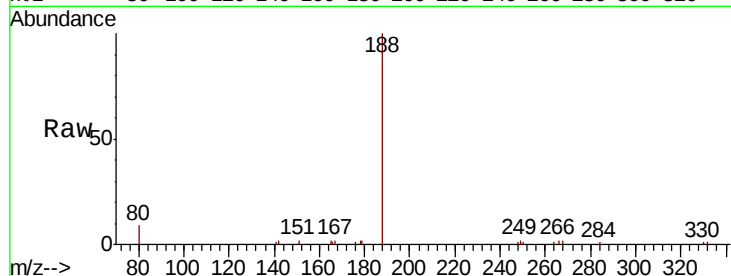
Tot Ion:188 Resp: 7054

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

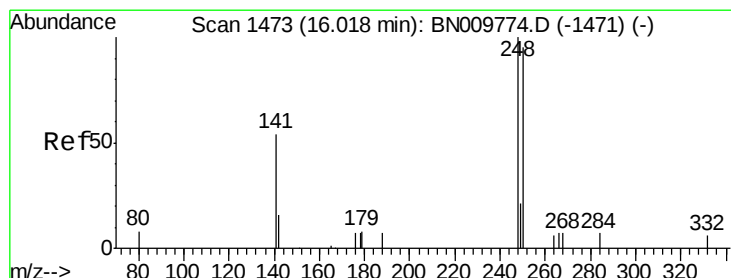
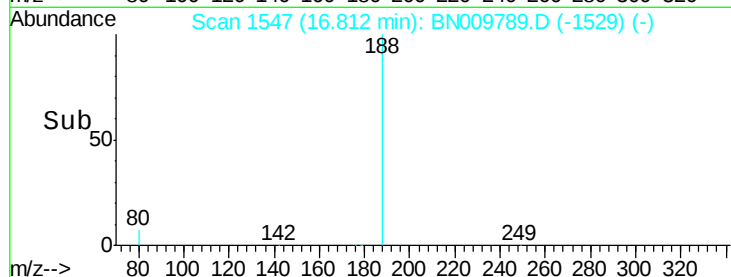
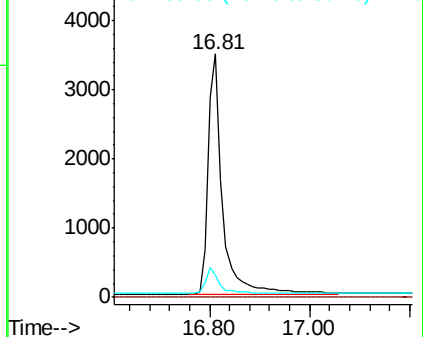
80 9.0 8.3 12.5



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

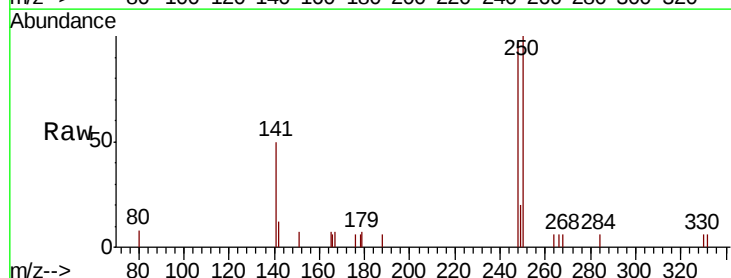
Tgt Ion:248 Resp: 1018

Ion Ratio Lower Upper

248 100

250 102.6 76.2 114.4

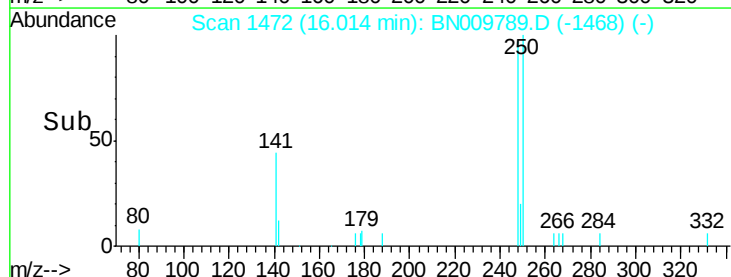
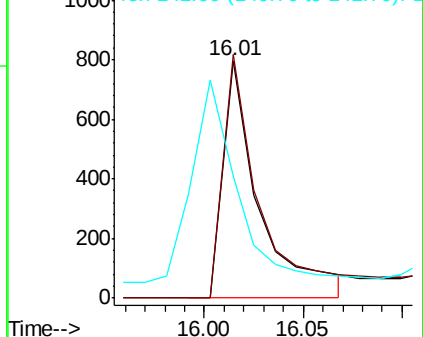
141 51.5 57.8 86.6#

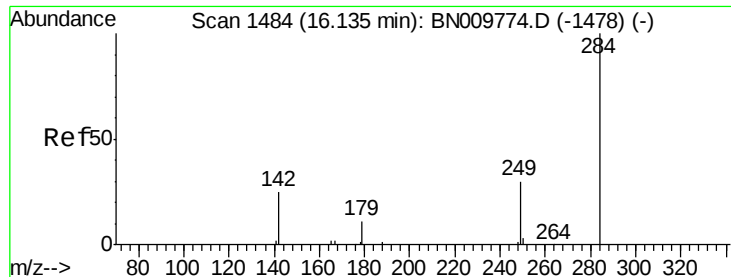


Abundance Ion 248.00 (247.70 to 248.70): E

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 :

PB126764BS

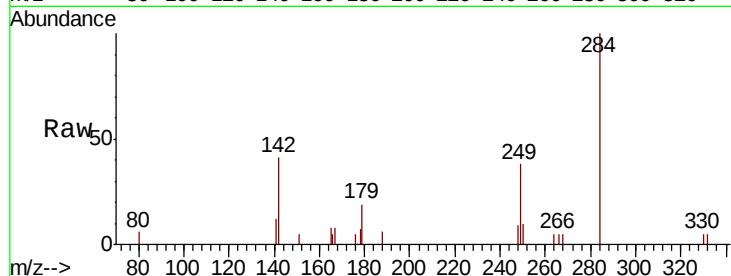
Tot Ion:284 Resp: 1584

Ion Ratio Lower Upper

284 100

142 39.6 33.3 49.9

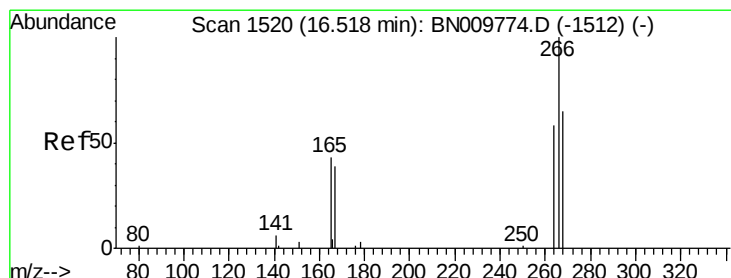
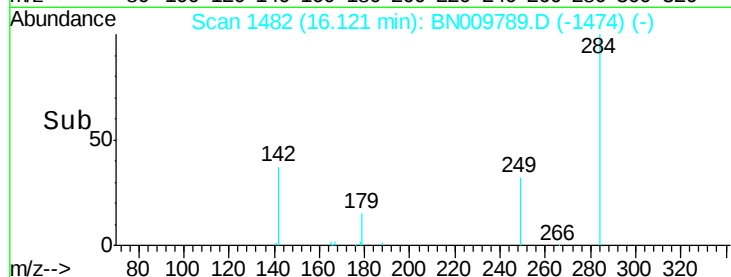
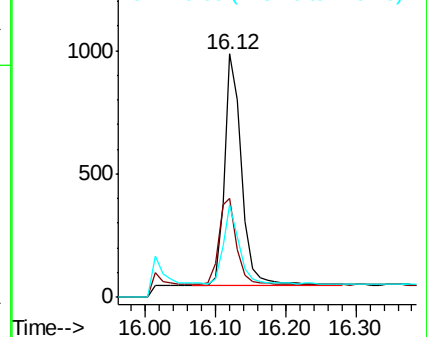
249 33.1 25.7 38.5



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

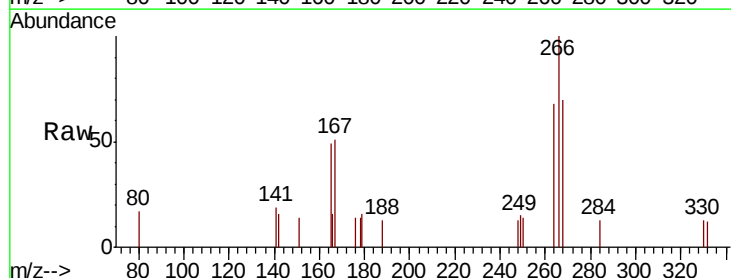
Tgt Ion:266 Resp: 871

Ion Ratio Lower Upper

266 100

264 67.8 58.1 87.1

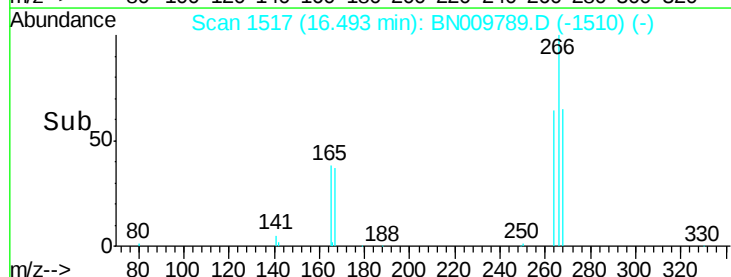
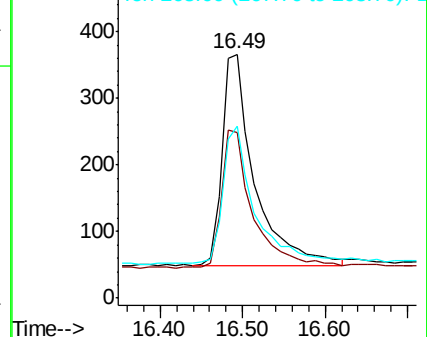
268 70.5 65.7 98.5

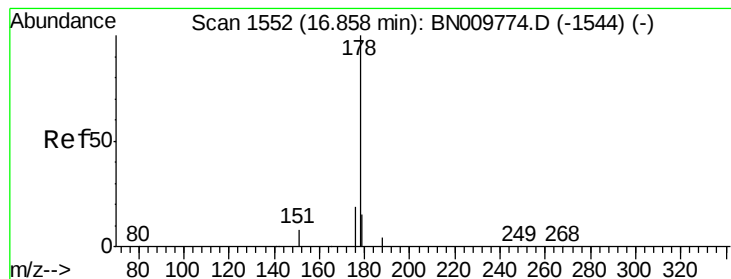


Abundance Ion 266.00 (265.70 to 266.70): E

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 :

PB126764BS

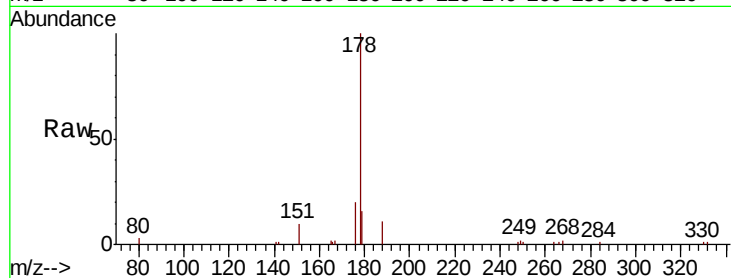
Tot Ion:178 Resp: 7098

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

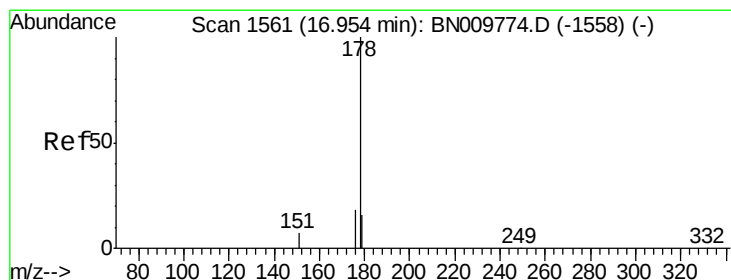
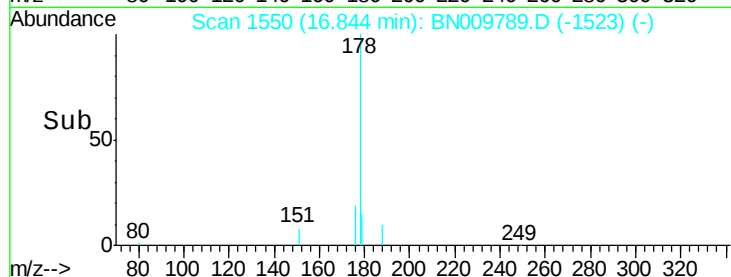
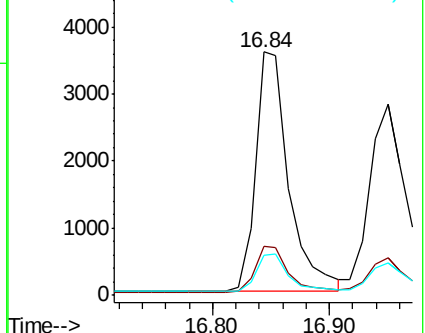
179 15.2 12.4 18.6



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

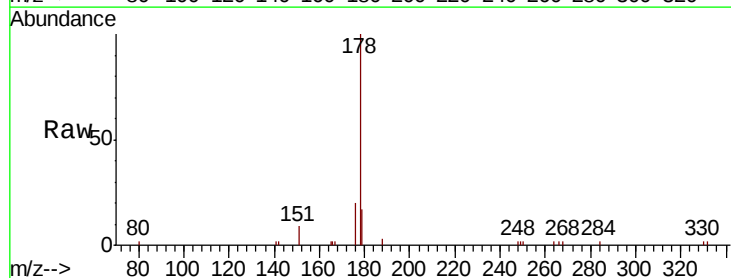
Tgt Ion:178 Resp: 6442

Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

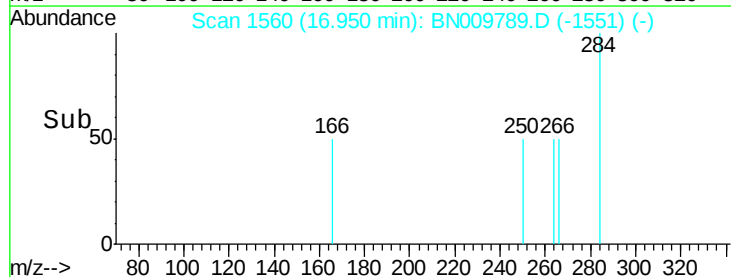
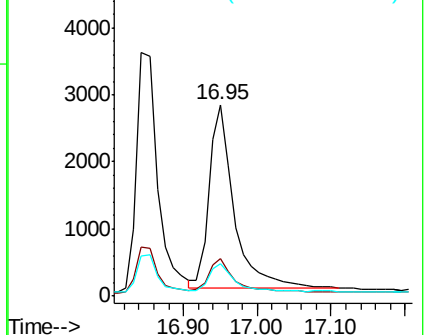
179 14.6 12.4 18.6

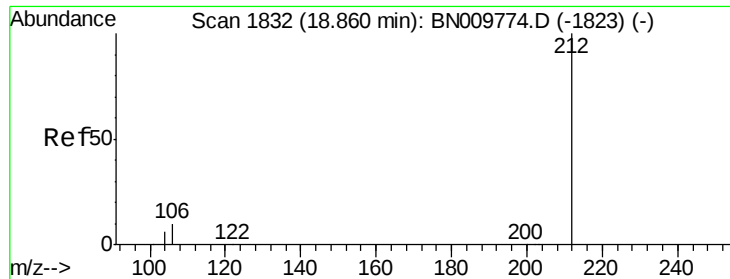


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

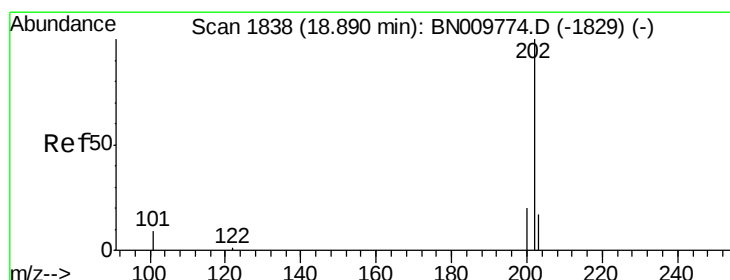
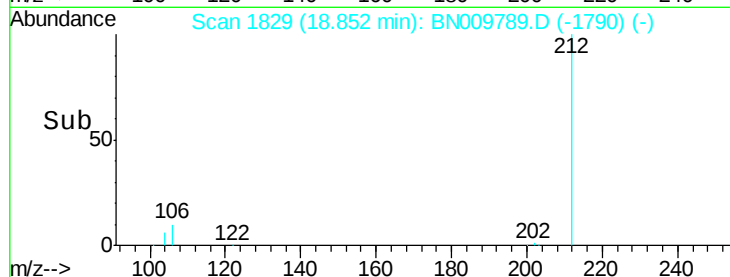
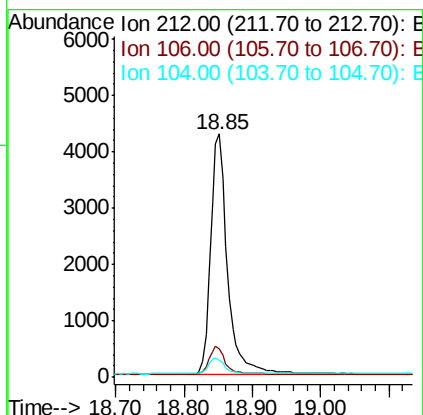
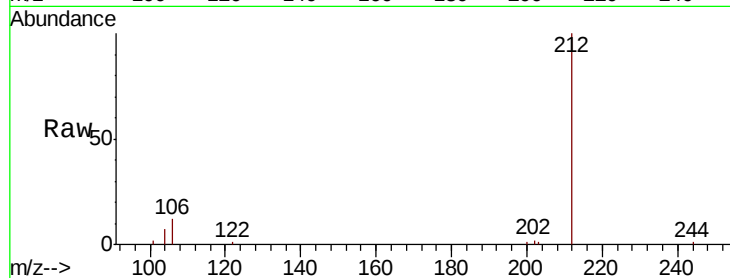




#25
 Fluoranthene-d10
 Concen: 0.305 ng
 RT: 18.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BN009789.D
 Acq: 20 Feb 2020 21:25

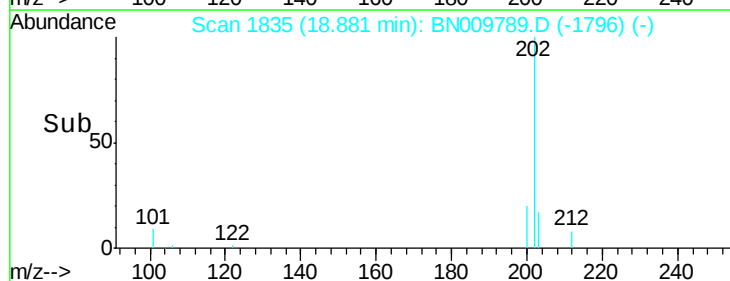
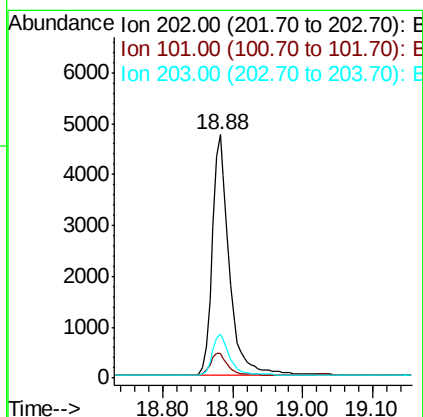
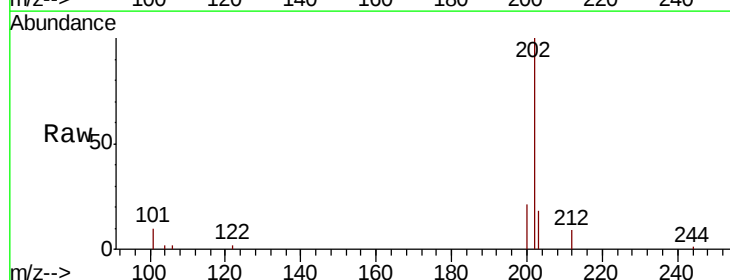
Instrument :
 BNA_N
 ClientSampleId :
 PB126764BS

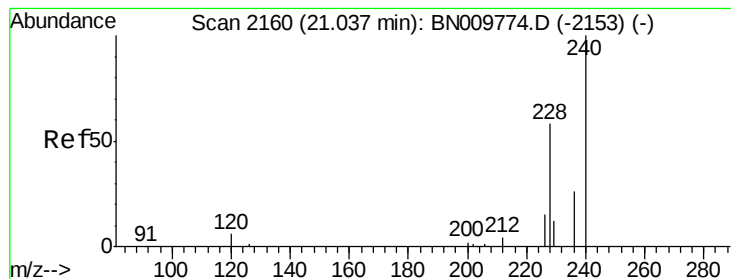
Tot Ion:212 Resp: 7452
 Ion Ratio Lower Upper
 212 100
 106 11.1 8.4 12.6
 104 6.3 4.8 7.2



#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





#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 :

PB126764BS

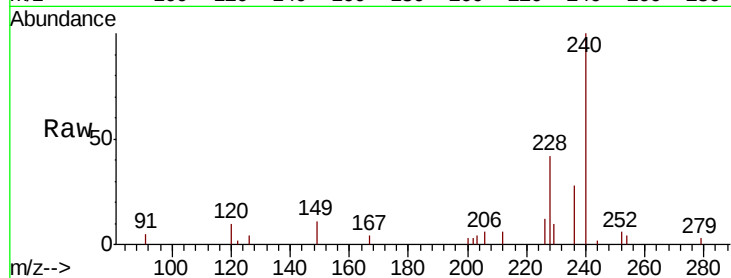
Tot Ion:240 Resp: 4836

Ion Ratio Lower Upper

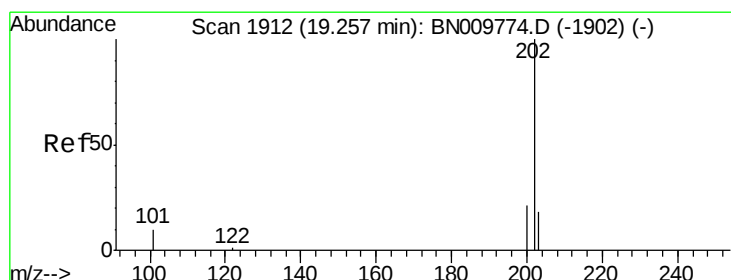
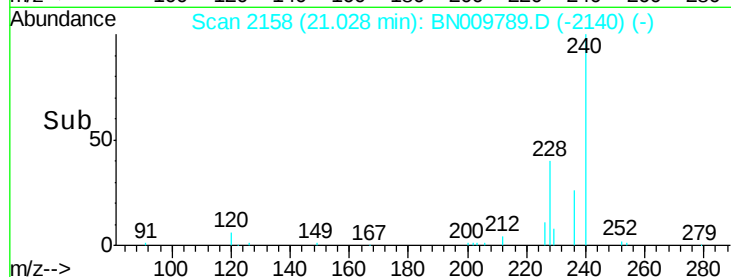
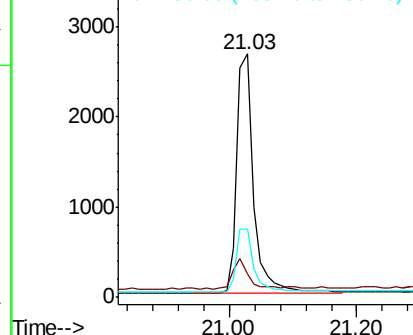
240 100

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

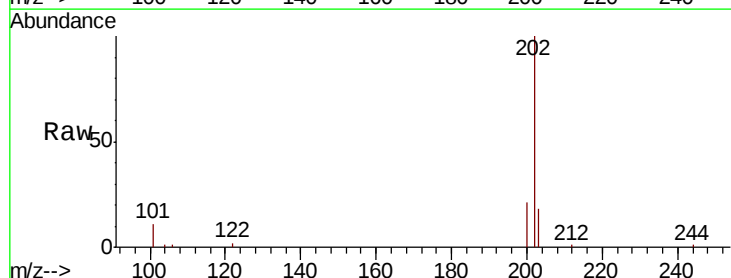
Tgt Ion:202 Resp: 8042

Ion Ratio Lower Upper

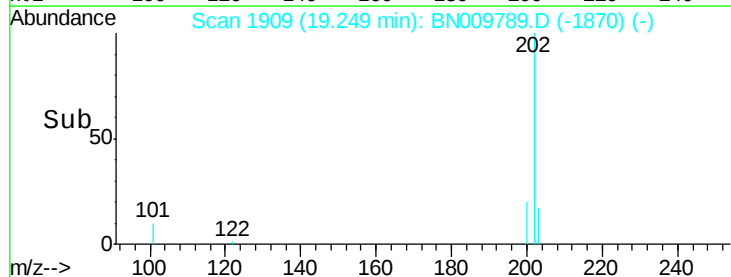
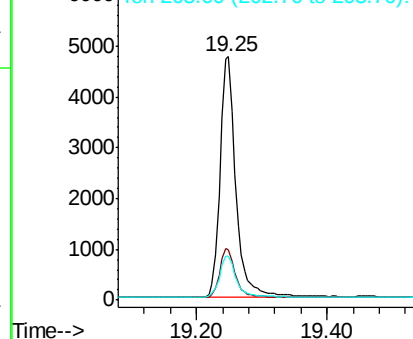
202 100

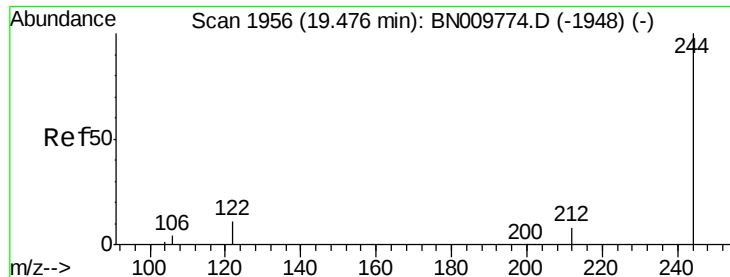
200 20.2 16.4 24.6

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 :

PB126764BS

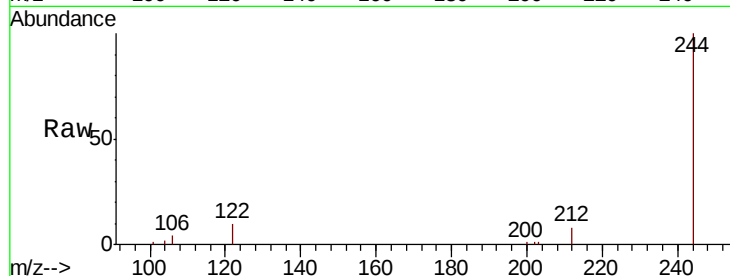
Tot Ion:244 Resp: 11301

Ion Ratio Lower Upper

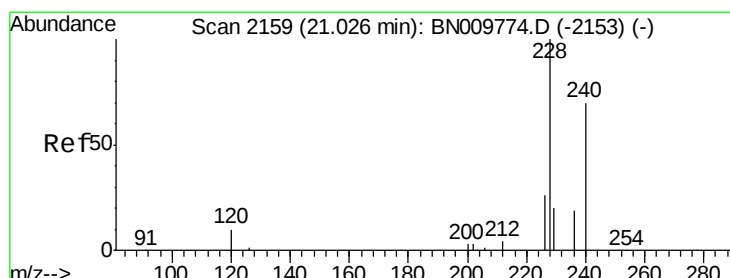
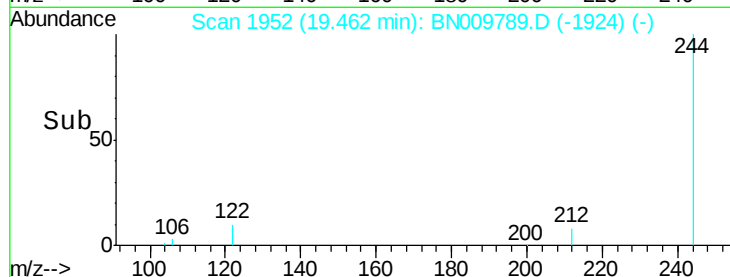
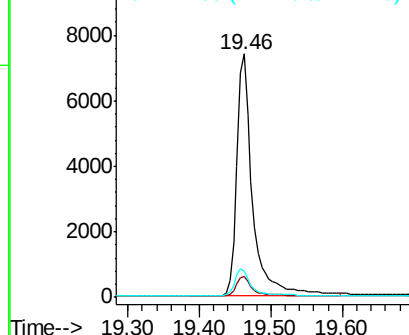
244 100

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

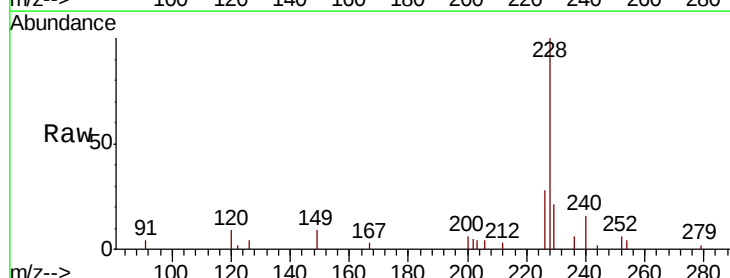
Tgt Ion:228 Resp: 5840

Ion Ratio Lower Upper

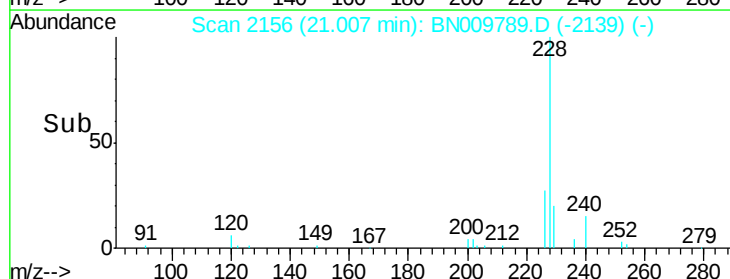
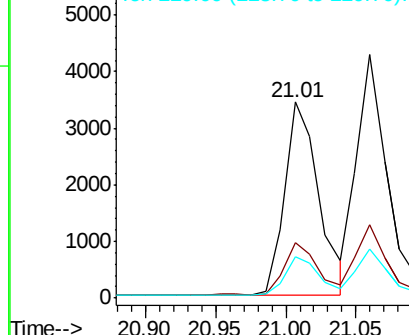
228 100

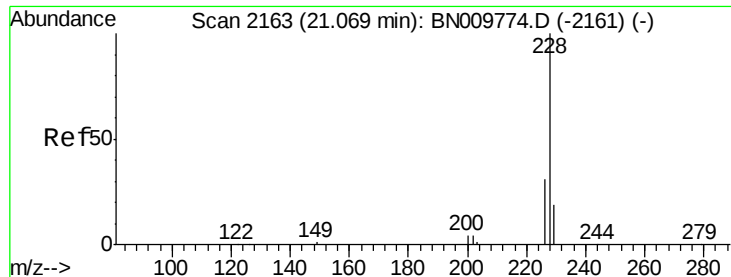
226 28.2 21.8 32.8

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

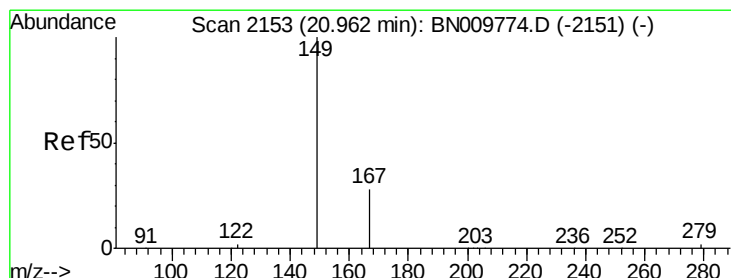
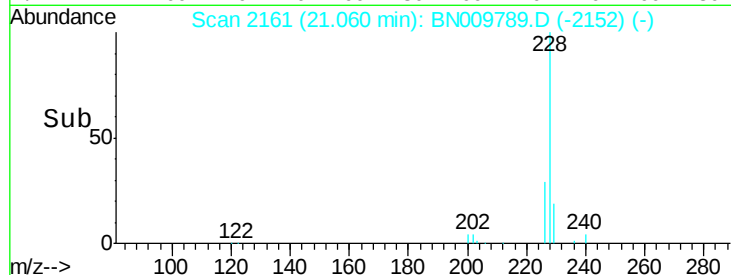
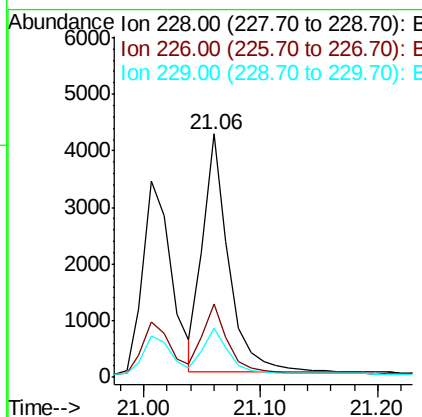
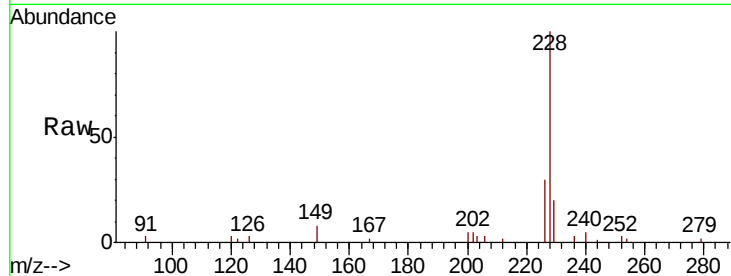




#31
 Chrvsene
 Concen: 0.345 ng
 RT: 21.06 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BN009789.D
 Acq: 20 Feb 2020 21:25

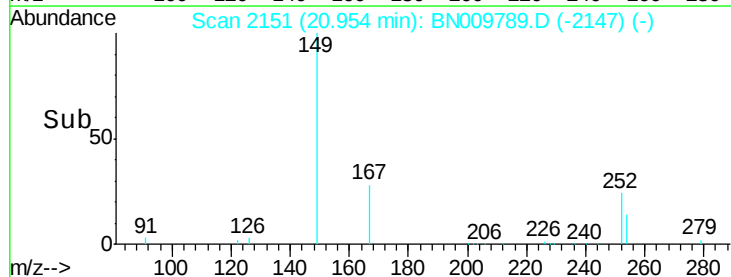
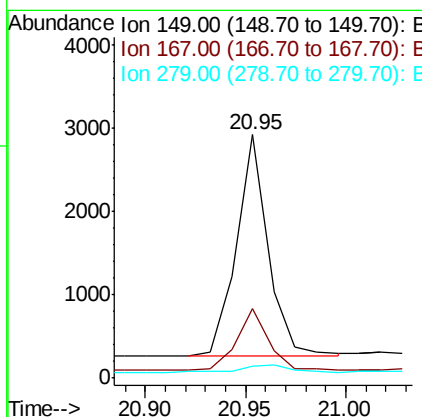
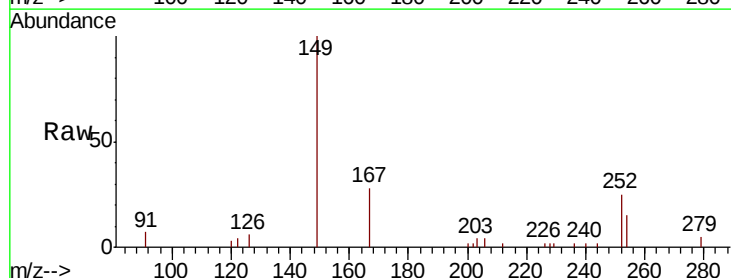
Instrument :
 BNA_N
 ClientSampleId :
 PB126764BS

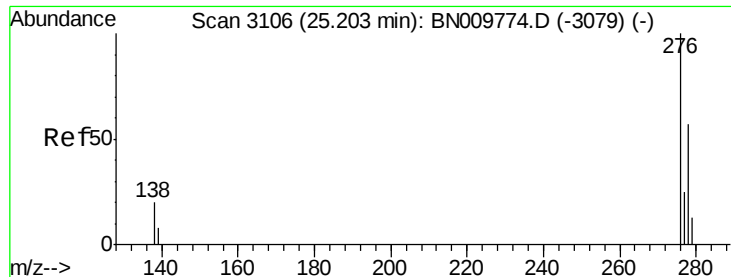
Tot Ion:228 Resp: 6405
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.8 37.2
 229 20.3 16.4 24.6



#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





#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 :

PB126764BS

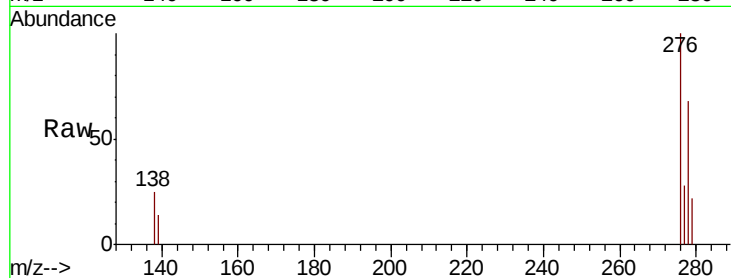
Tot Ion:276 Resp: 6389

Ion Ratio Lower Upper

276 100

138 20.3 15.8 23.6

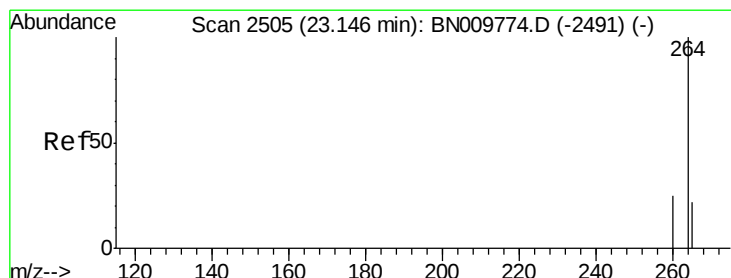
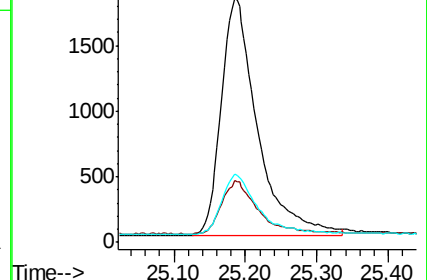
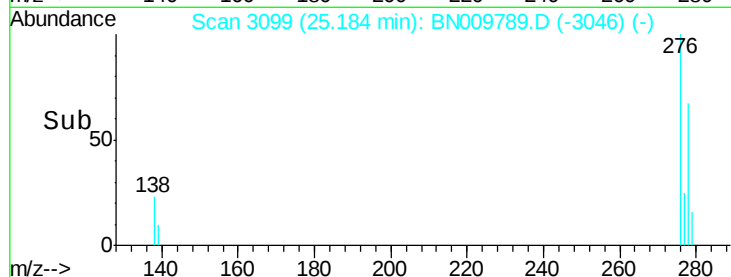
277 24.2 19.3 28.9



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# 2500

Delta R.T. -0.01 min

Lab File: BN009789.D

Acq: 20 Feb 2020 21:25

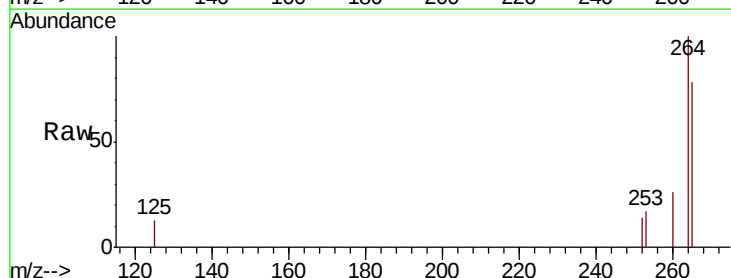
Tgt Ion:264 Resp: 4039

Ion Ratio Lower Upper

264 100

260 26.1 21.1 31.7

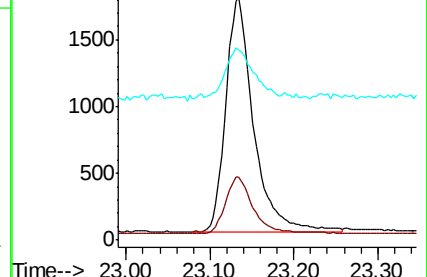
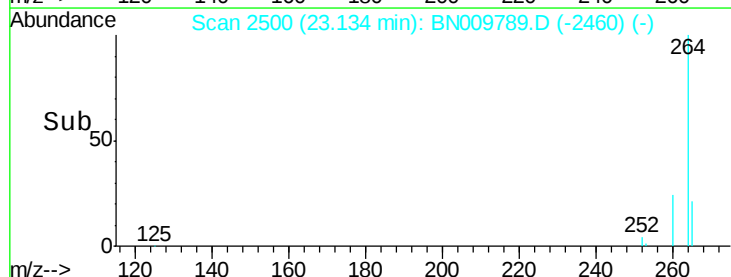
265 78.1 57.5 86.3

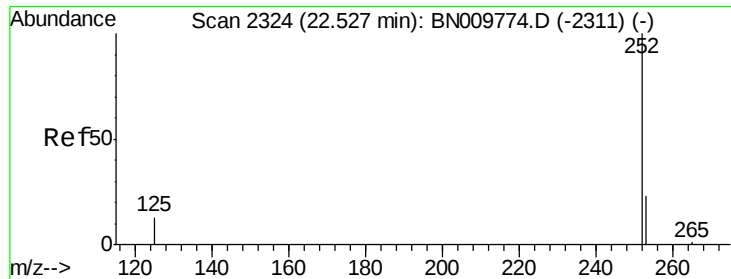


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

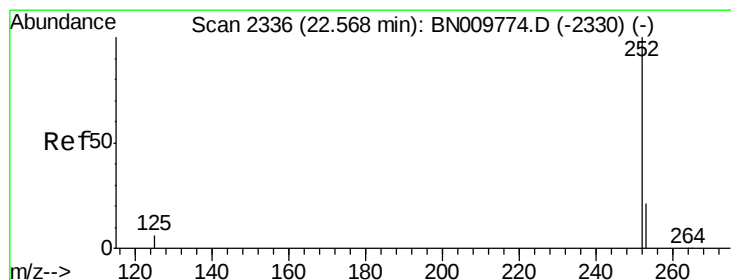
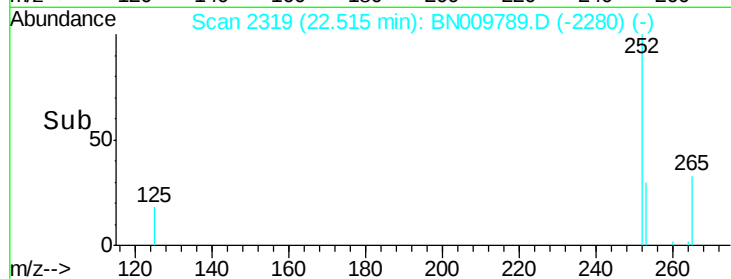
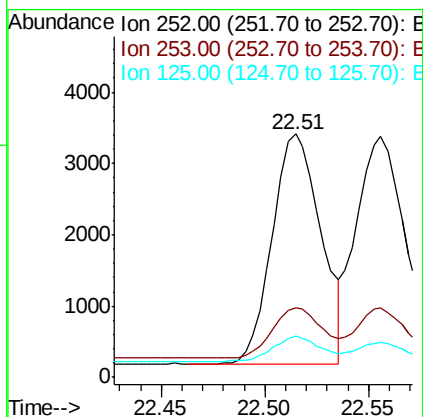
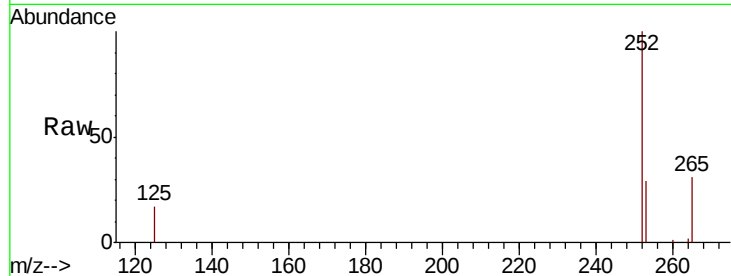




#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.51 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BN009789.D
Acq: 20 Feb 2020 21:25

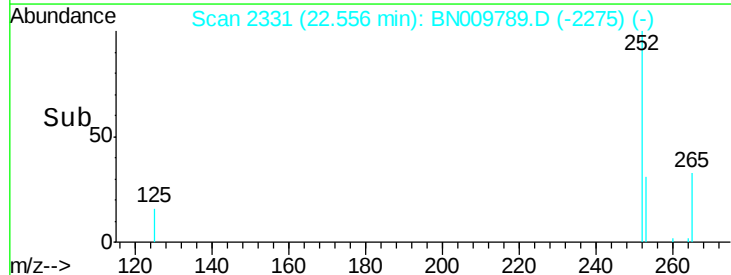
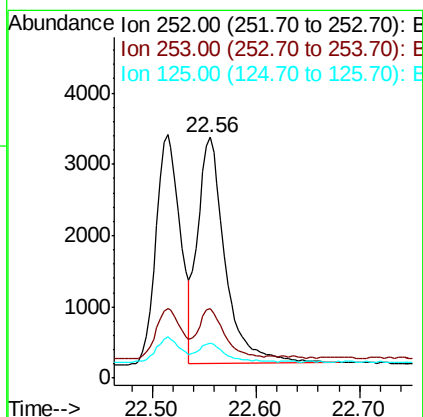
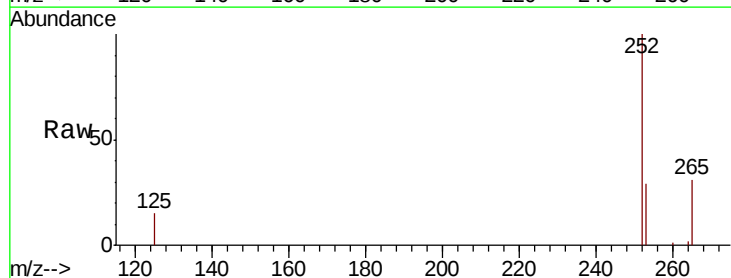
Instrument :
BNA_N
ClientSampleId :
PB126764BS

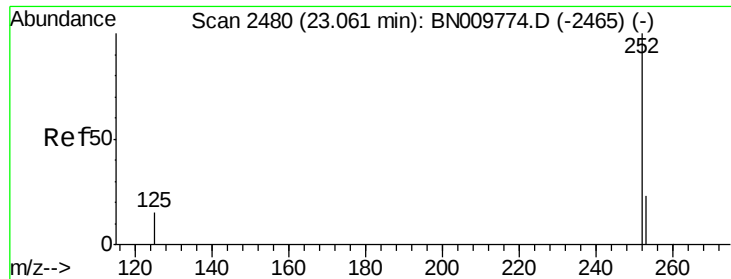
Tot Ion:252 Resp: 5284
Ion Ratio Lower Upper
252 100
253 28.7 23.0 34.6
125 17.2 14.4 21.6



#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 :

PB126764BS

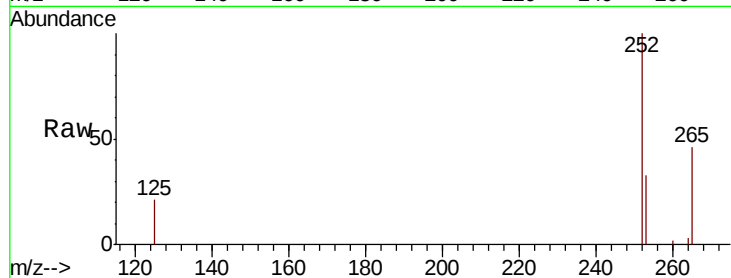
Tot Ion:252 Resp: 5096

Ion Ratio Lower Upper

252 100

253 32.6 25.3 37.9

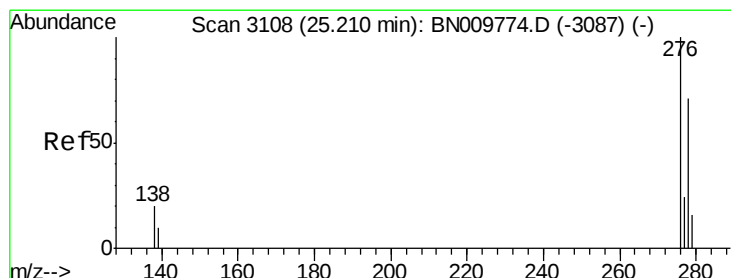
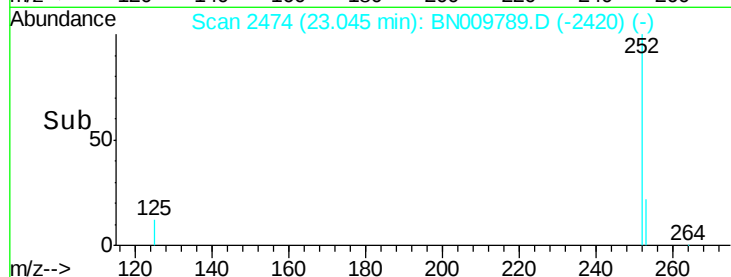
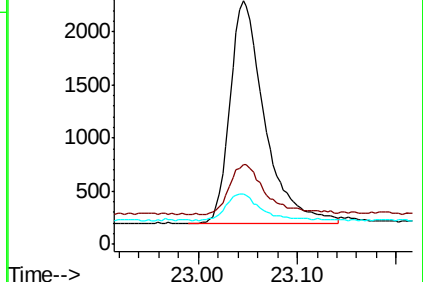
125 20.7 17.7 26.5



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

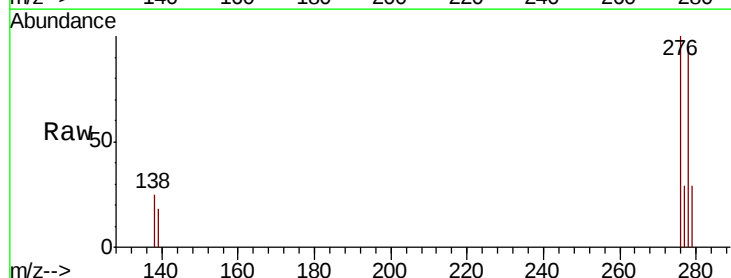
Tgt Ion:278 Resp: 5313

Ion Ratio Lower Upper

278 100

139 18.6 14.5 21.7

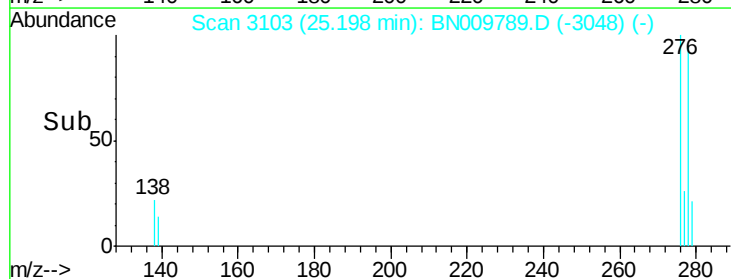
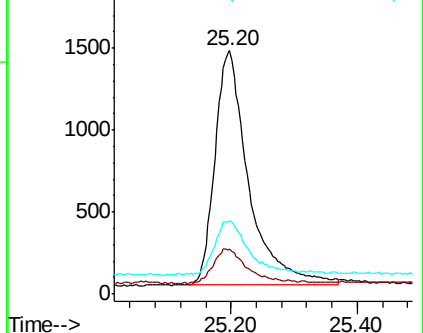
279 30.3 24.3 36.5

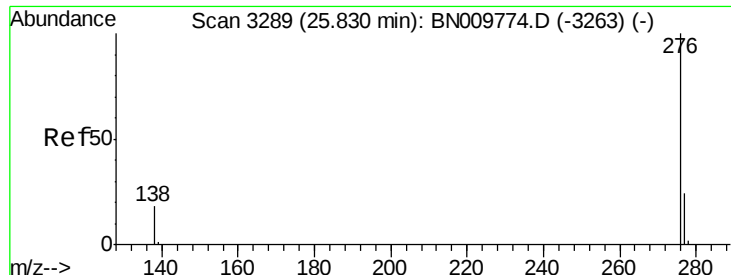


Abundance Ion 278.00 (277.70 to 278.70): E

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 :

PB126764BS

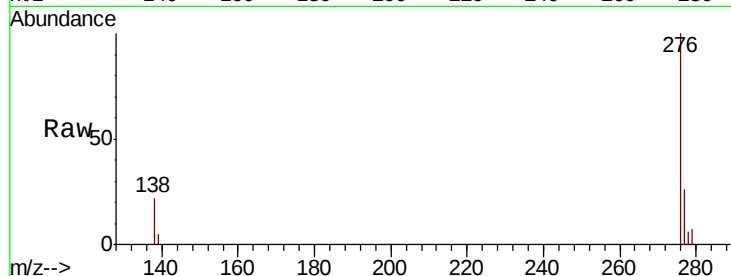
Tot Ion: 276 Resp: 5894

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

