

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
 Data File : BN009773.D
 Acq On : 19 Feb 2020 11:44
 Operator : CG/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 19 13:53:10 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 13:45:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	962	0.40	ng	0.00
7) Naphthalene-d8	10.18	136	3228	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	2040	0.40	ng	0.00
19) Phenanthrene-d10	16.82	188	4748	0.40	ng	0.00
27) Chrysene-d12	21.04	240	4191	0.40	ng	0.00
34) Perylene-d12	23.15	264	4352	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.08	112	409	0.18	ng	0.00
5) Phenol-d6	6.66	99	494	0.19	ng	0.00
8) Nitrobenzene-d5	8.62	82	457	0.18	ng	0.03
11) 2-Methylnaphthalene-d10	11.80	152	1178	0.19	ng	0.01
14) 2,4,6-Tribromophenol	15.60	330	134	0.17	ng	0.01
15) 2-Fluorobiphenyl	12.69	172	1418	0.19	ng	0.00
25) Fluoranthene-d10	18.86	212	3115	0.19	ng	0.00
29) Terphenyl-d14	19.48	244	1948	0.20	ng	0.00

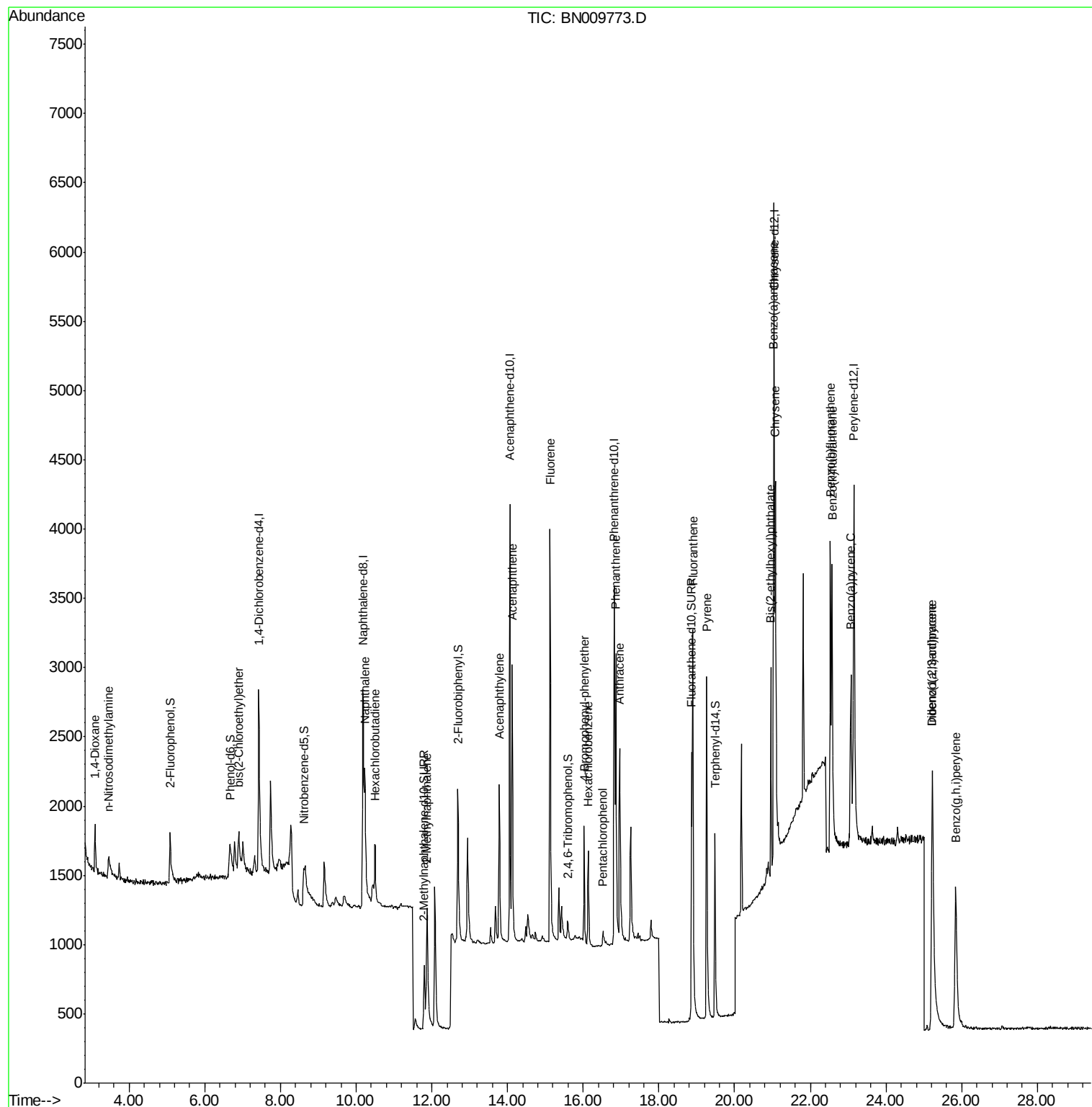
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	181	0.180	ng	91
3) n-Nitrosodimethylamine	3.47	42	252	0.163	ng	# 22
6) bis(2-Chloroethyl)ether	6.90	93	483	0.183	ng	94
9) Naphthalene	10.23	128	1676	0.192	ng	# 91
10) Hexachlorobutadiene	10.51	225	375	0.196	ng	# 96
12) 2-Methylnaphthalene	11.87	142	1156	0.190	ng	97
16) Acenaphthylene	13.78	152	1549	0.176	ng	98
17) Acenaphthene	14.12	154	1165	0.188	ng	98
18) Fluorene	15.13	166	1548	0.192	ng	99
20) 4-Bromophenyl-phenylether	16.02	248	724	0.253	ng	# 90
21) Hexachlorobenzene	16.14	284	568	0.187	ng	98
22) Pentachlorophenol	16.53	266	110	0.129	ng	89
23) Phenanthrene	16.86	178	2663	0.187	ng	99
24) Anthracene	16.96	178	2135	0.178	ng	98
26) Fluoranthene	18.89	202	3169	0.189	ng	99
28) Pyrene	19.26	202	3170	0.200	ng	99
30) Benzo(a)anthracene	21.03	228	2604	0.189	ng	96
31) Chrysene	21.08	228	3057	0.194	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	1307	0.215	ng	98
33) Indeno(1,2,3-cd)pyrene	25.22	276	3162	0.193	ng	99
35) Benzo(b)fluoranthene	22.53	252	2832	0.177	ng	91
36) Benzo(k)fluoranthene	22.57	252	3275	0.185	ng	# 88
37) Benzo(a)pyrene	23.07	252	2625	0.186	ng	# 86
38) Dibenzo(a,h)anthracene	25.23	278	2516	0.177	ng	# 90
39) Benzo(g,h,i)perylene	25.84	276	2798	0.179	ng	# 90

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

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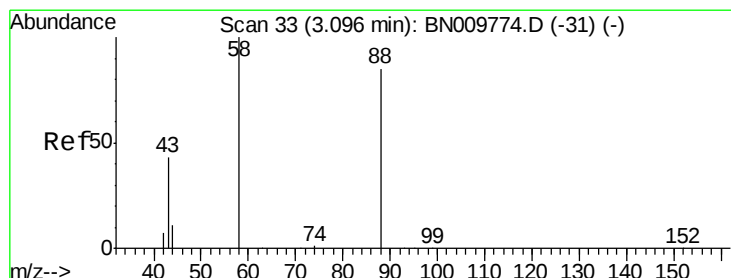
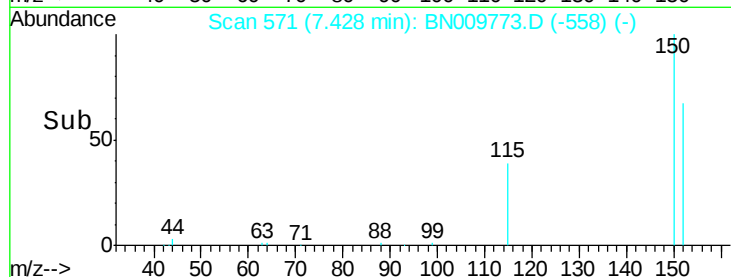
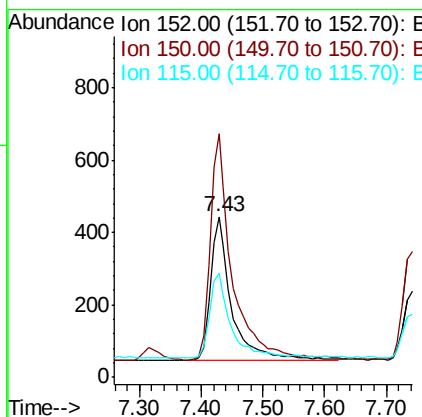
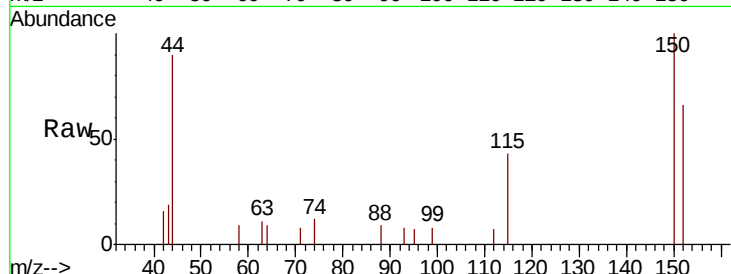


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 571
Delta R.T. 0.01 min
Lab File: BN009773.D
Acq: 19 Feb 2020 11:44

Instrument :
BNA_N
ClientSampleId :

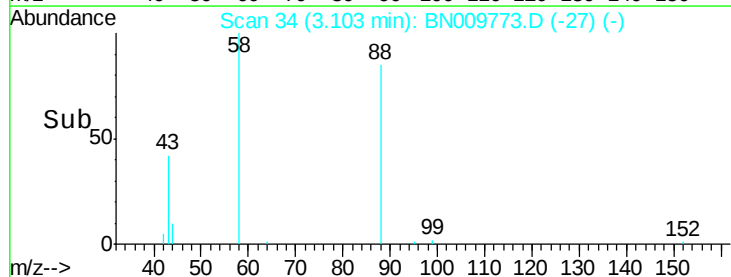
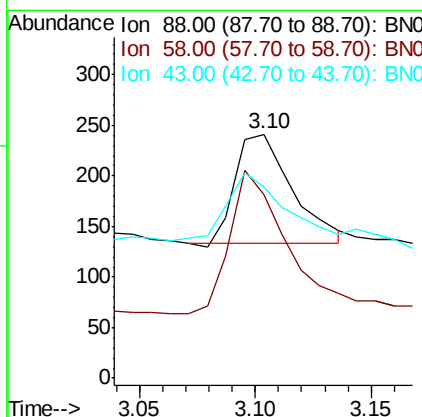
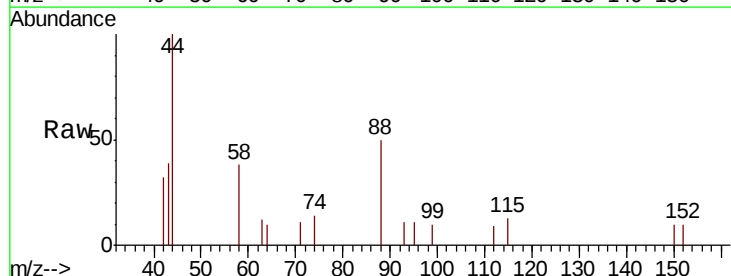
Tot Ion:152 Resp: 962
Ion Ratio Lower Upper
152 100
150 151.4 120.6 181.0
115 64.6 51.2 76.8



#2

1,4-Dioxane
Concen: 0.180 ng
RT: 3.10 min Scan# 34
Delta R.T. 0.01 min
Lab File: BN009773.D
Acq: 19 Feb 2020 11:44

Tgt Ion: 88 Resp: 181
Ion Ratio Lower Upper
88 100
58 131.5 97.8 146.8
43 63.5 45.1 67.7





#3

n-Nitrosodimethylamine

Concen: 0.163 ng

RT: 3.47 min Scan# 79

Delta R.T. 0.02 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampleId :

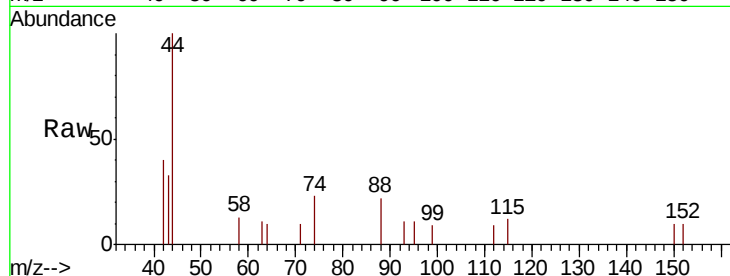
Tot Ion: 42 Resp: 252

Ion Ratio Lower Upper

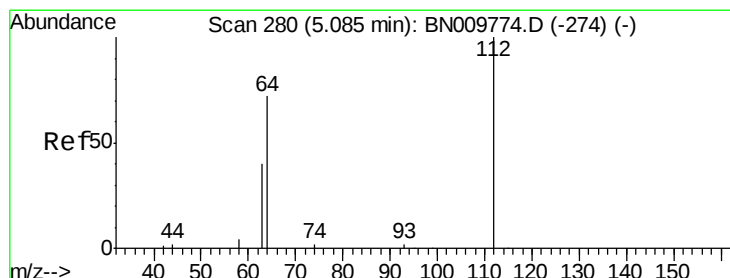
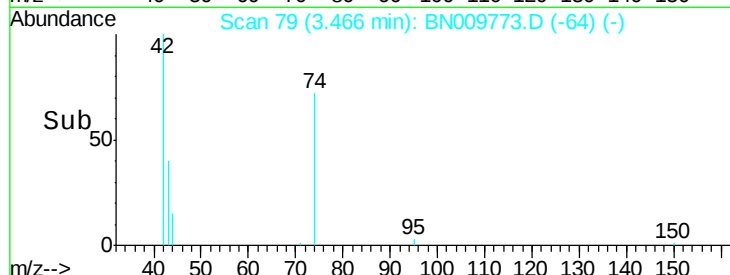
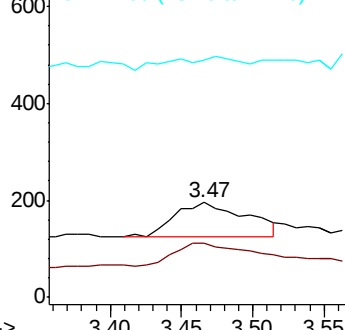
42 100

74 0.0 51.2 76.8#

44 7.9 2.6 4.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.185 ng

RT: 5.08 min Scan# 280

Delta R.T. -0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

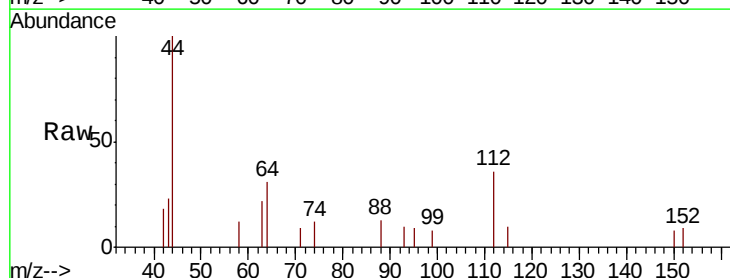
Tgt Ion: 112 Resp: 409

Ion Ratio Lower Upper

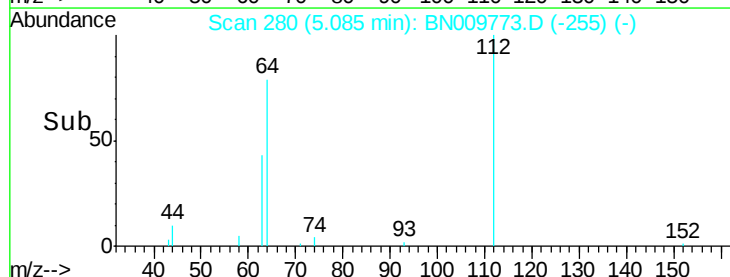
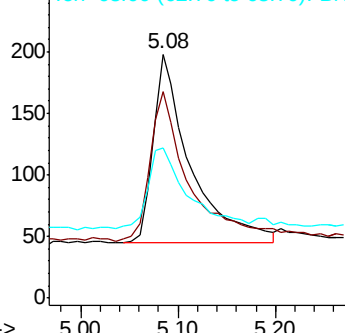
112 100

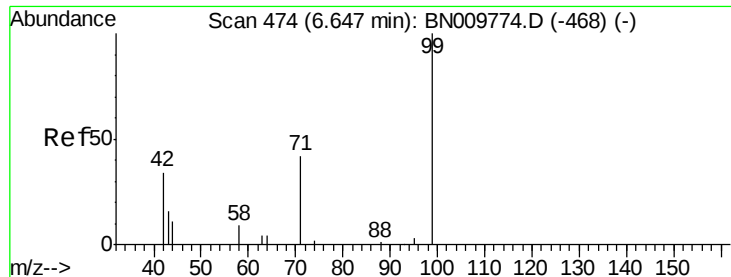
64 89.5 65.8 98.6

63 47.4 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.193 ng

RT: 6.66 min Scan# 475

Delta R.T. 0.01 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampled :

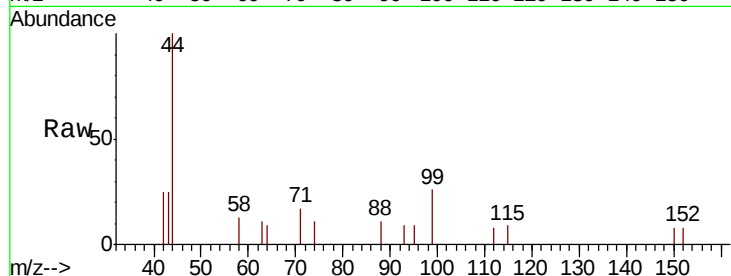
Tot Ion: 99 Resp: 494

Ion Ratio Lower Upper

99 100

42 32.0 30.8 46.2

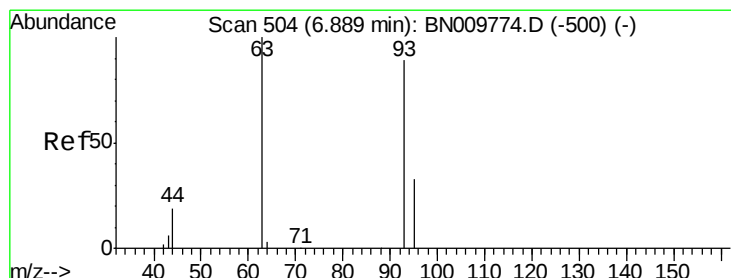
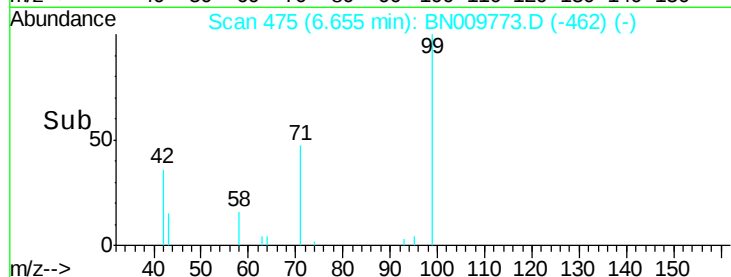
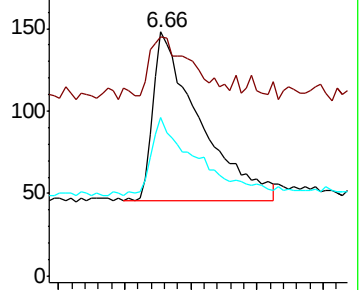
71 44.5 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN009773.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN009773.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN009773.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.183 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.01 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

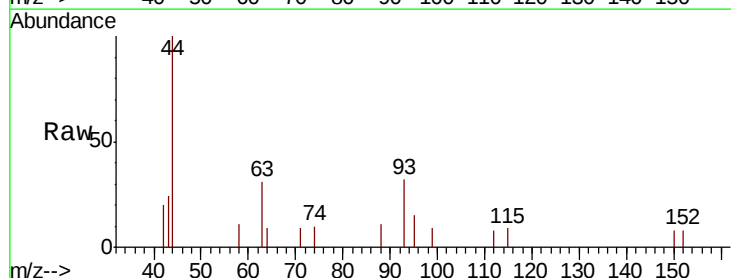
Tgt Ion: 93 Resp: 483

Ion Ratio Lower Upper

93 100

63 87.4 74.0 111.0

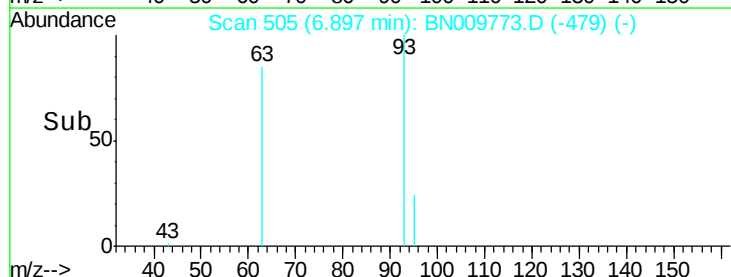
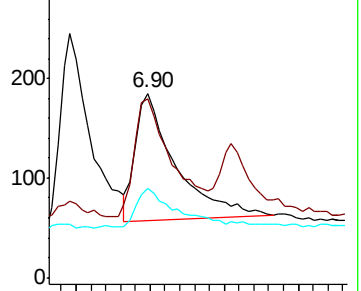
95 29.6 26.7 40.1

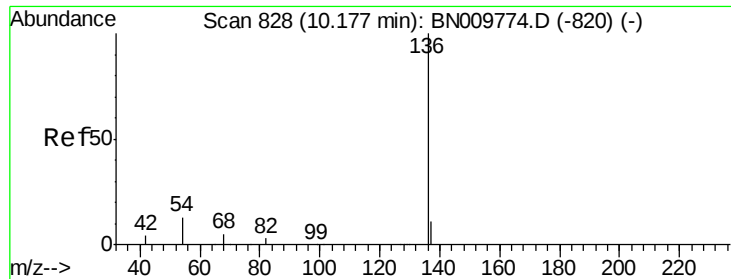


Abundance Ion 93.00 (92.70 to 93.70): BN009773.D (-479) (-)

Ion 63.00 (62.70 to 63.70): BN009773.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BN009773.D (-479) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3228

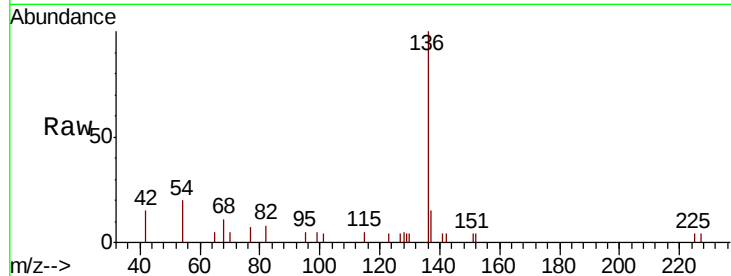
Ion Ratio Lower Upper

136 100

137 14.5 11.3 16.9

54 19.9 13.4 20.2

68 10.7 7.0 10.4#

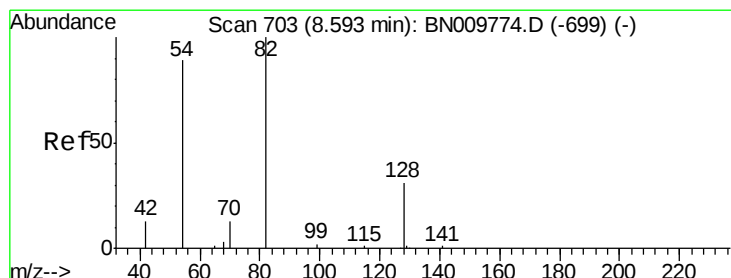
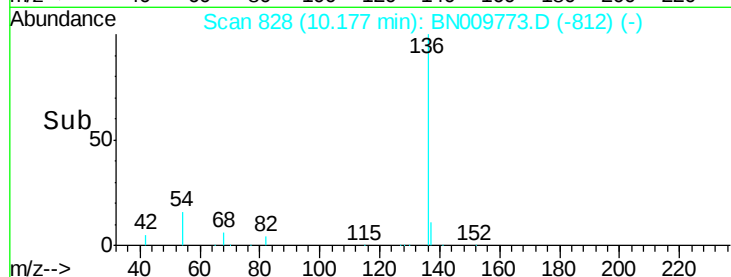
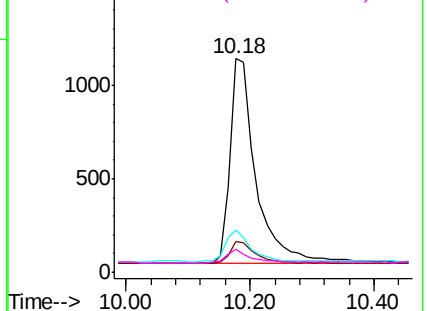


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.178 ng

RT: 8.62 min Scan# 705

Delta R.T. 0.03 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

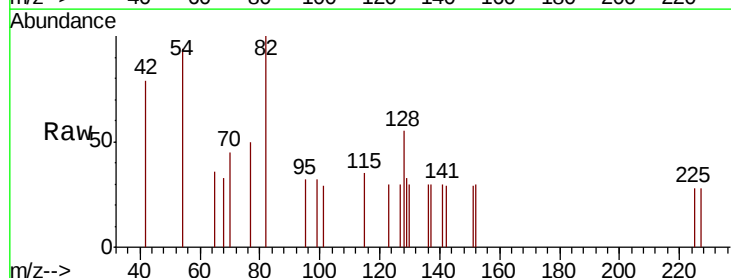
Tgt Ion: 82 Resp: 457

Ion Ratio Lower Upper

82 100

128 54.7 32.5 48.7#

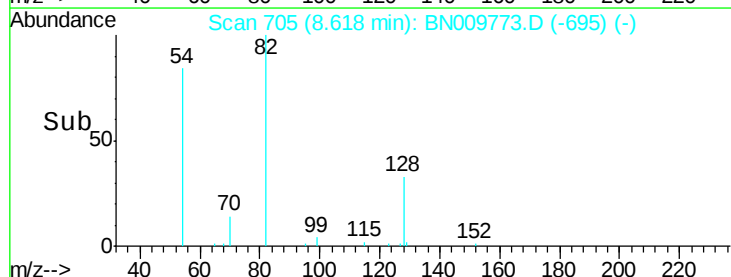
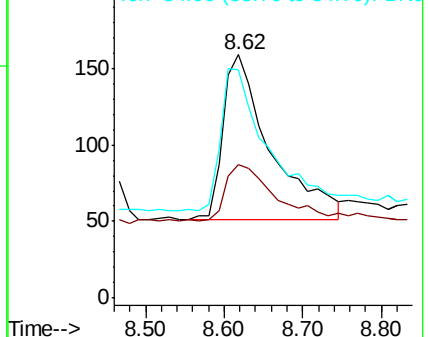
54 93.7 73.5 110.3

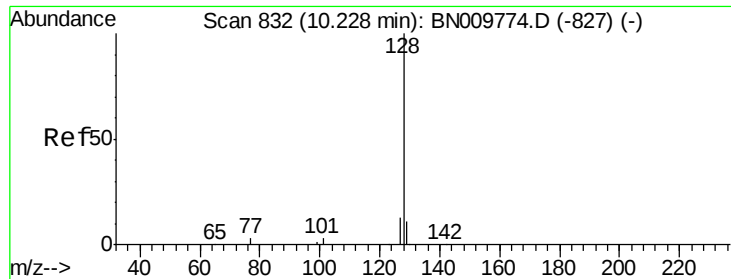


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

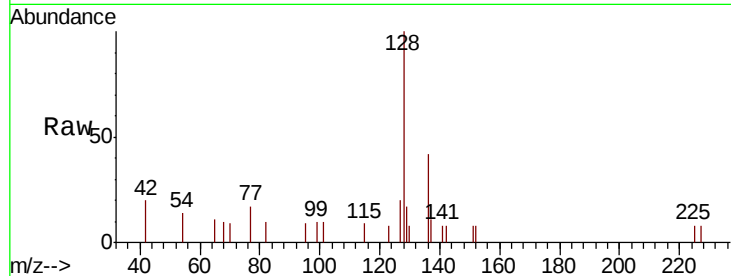




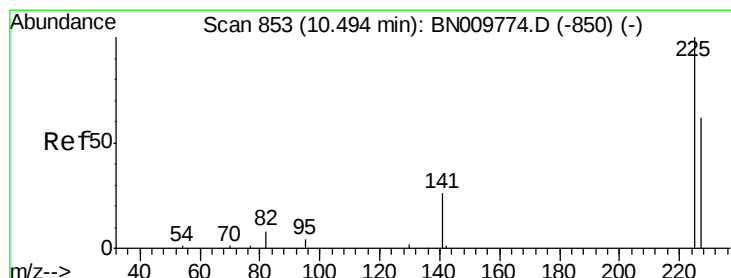
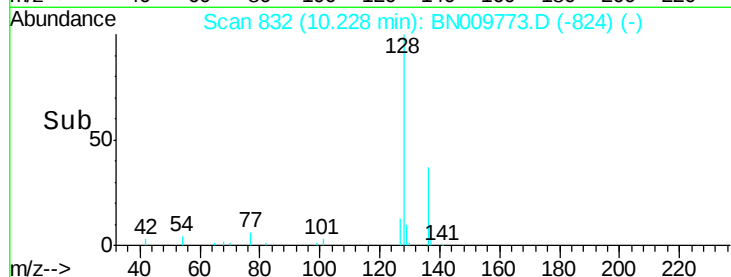
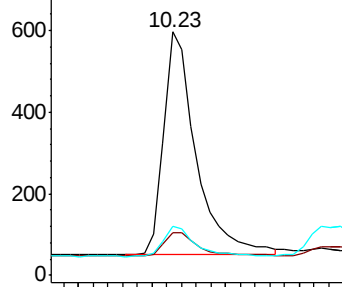
#9
Naphthalene
Concen: 0.192 ng
RT: 10.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BN009773.D
Acq: 19 Feb 2020 11:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 1676
Ion Ratio Lower Upper
128 100
129 17.3 11.1 16.7#
127 20.1 12.6 19.0#

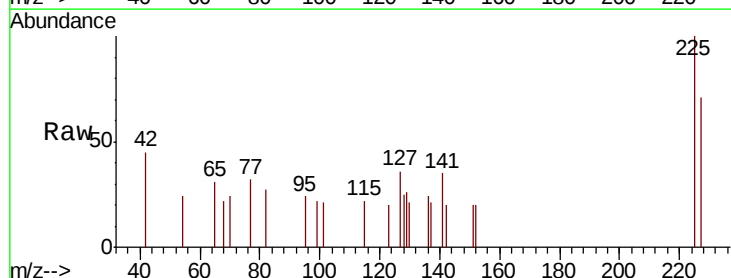


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

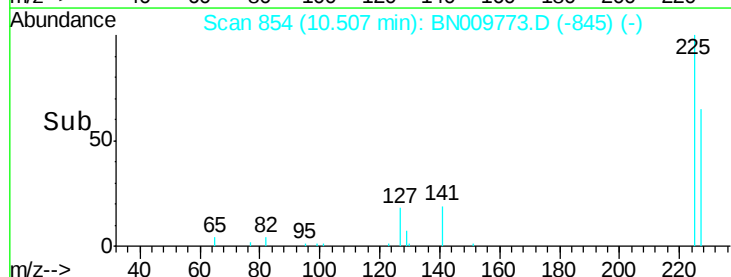
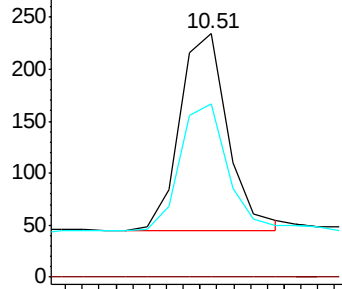


#10
Hexachlorobutadiene
Concen: 0.196 ng
RT: 10.51 min Scan# 854
Delta R.T. 0.01 min
Lab File: BN009773.D
Acq: 19 Feb 2020 11:44

Tgt Ion:225 Resp: 375
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.5 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: 0.189 ng

RT: 11.80 min Scan# 998

Delta R.T. 0.01 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

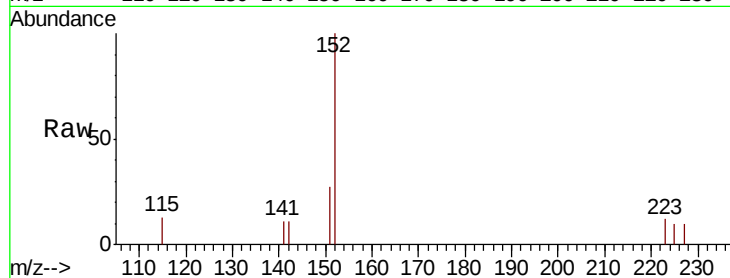
ClientSampleId :

Tot Ion:152 Resp: 1178

Ion Ratio Lower Upper

152 100

151 18.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.80

400

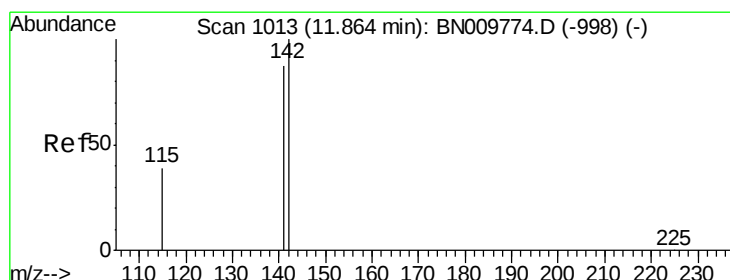
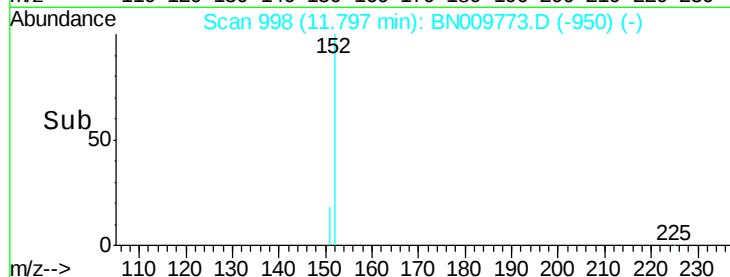
300

200

100

0

Time--> 11.70 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.190 ng

RT: 11.87 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

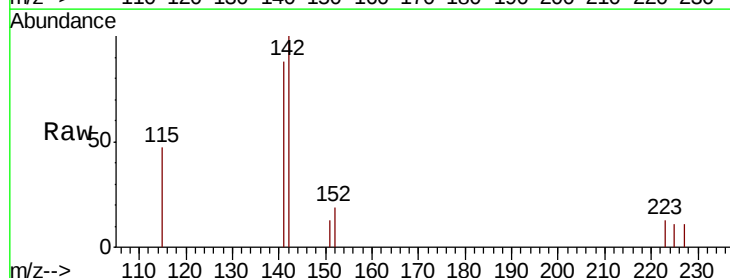
Tgt Ion:142 Resp: 1156

Ion Ratio Lower Upper

142 100

141 88.3 69.8 104.6

115 47.0 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

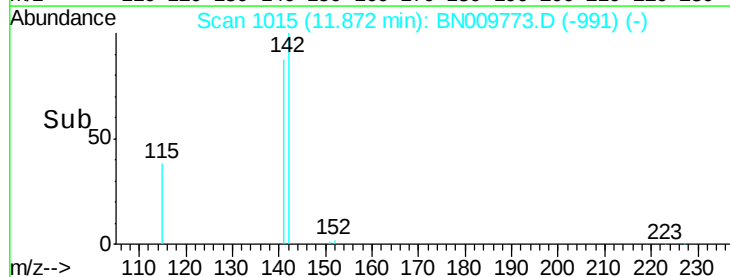
600

400

200

0

Time--> 11.80 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampleId :

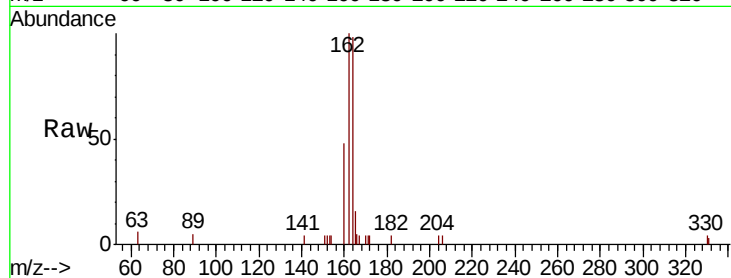
Tot Ion:164 Resp: 2040

Ion Ratio Lower Upper

164 100

162 102.3 79.9 119.9

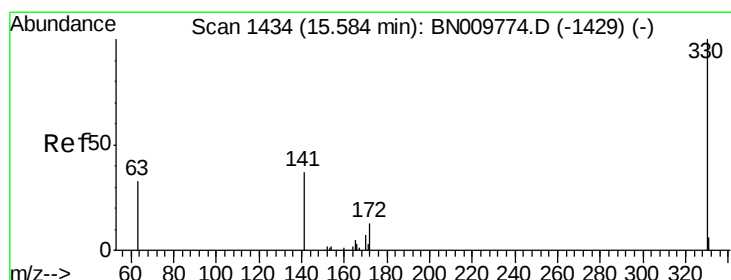
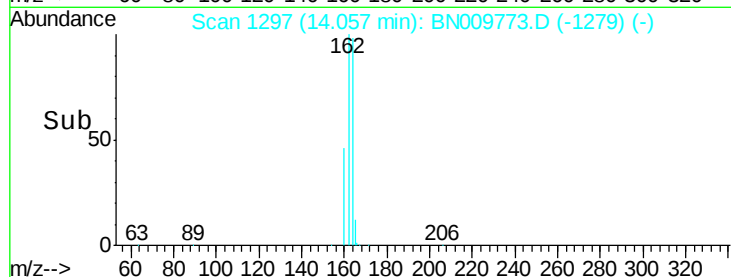
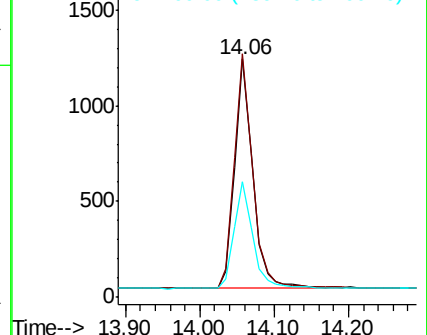
160 48.6 38.2 57.2



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: 0.174 ng

RT: 15.60 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

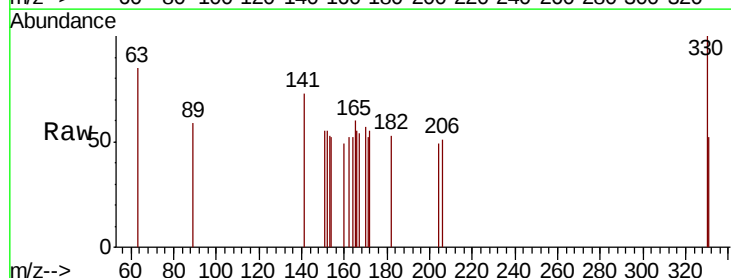
Tgt Ion:330 Resp: 134

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

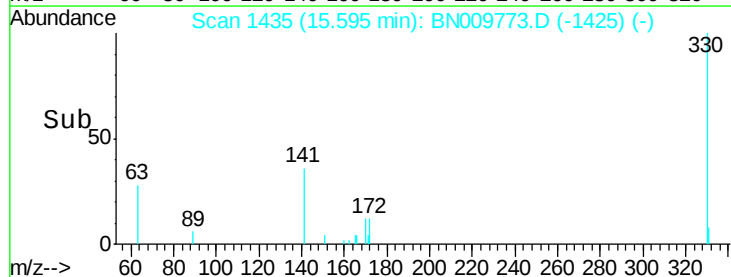
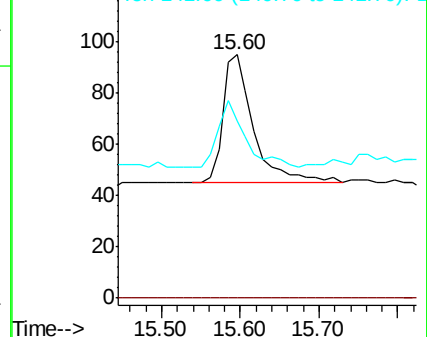
141 46.3 36.8 55.2



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

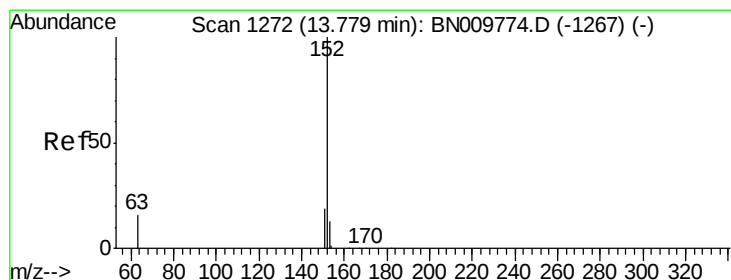
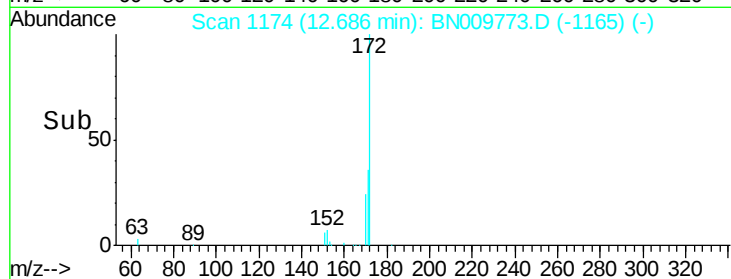
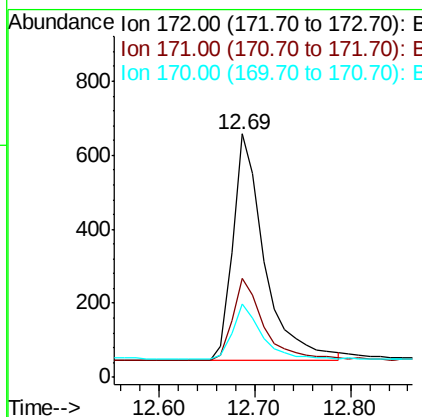
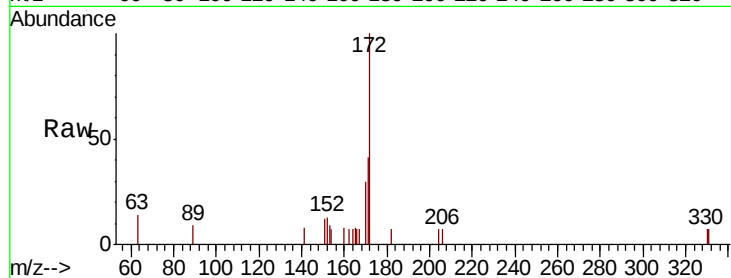




#15
2-Fluorobiphenyl
Concen: 0.186 ng
RT: 12.69 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BN009773.D
Acq: 19 Feb 2020 11:44

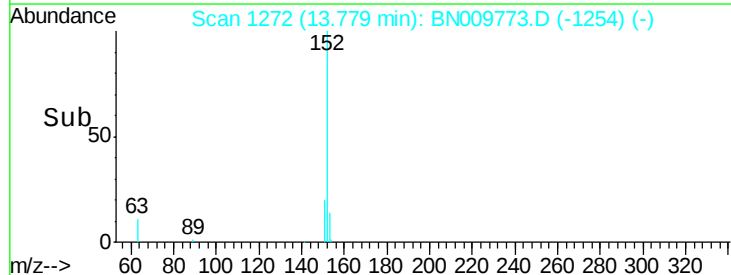
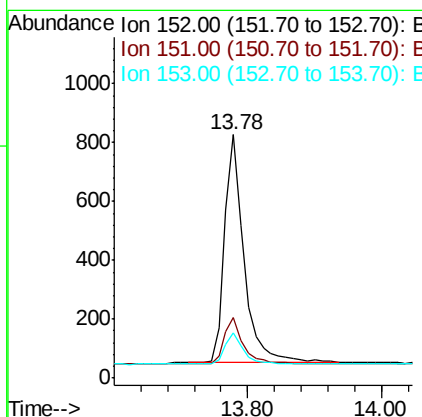
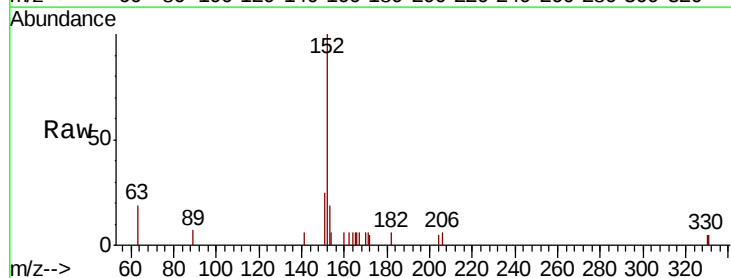
Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 1418
Ion Ratio Lower Upper
172 100
171 40.6 28.7 43.1
170 30.2 20.1 30.1#



#16
Acenaphthylene
Concen: 0.176 ng
RT: 13.78 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BN009773.D
Acq: 19 Feb 2020 11:44

Tgt Ion:152 Resp: 1549
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.6
153 13.4 10.2 15.4





#17

Acenaphthene

Concen: 0.188 ng

RT: 14.12 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampled :

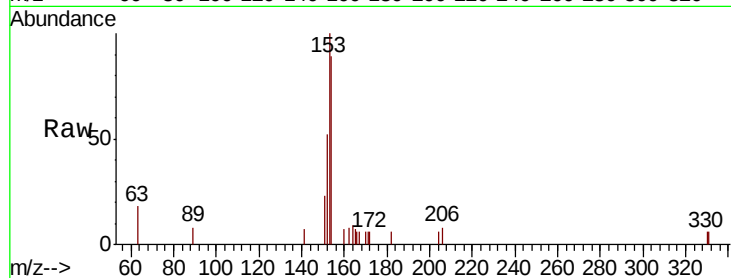
Tot Ion:154 Resp: 1165

Ion Ratio Lower Upper

154 100

153 113.6 88.9 133.3

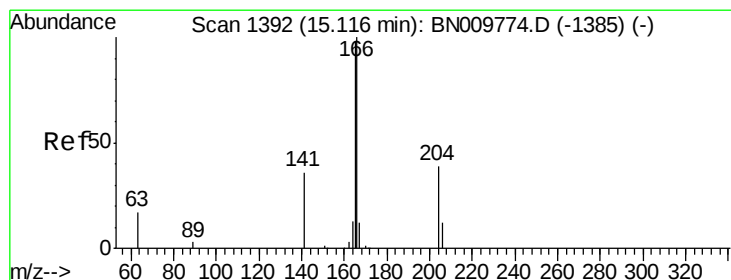
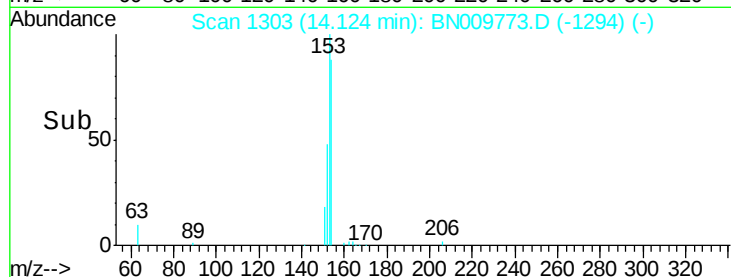
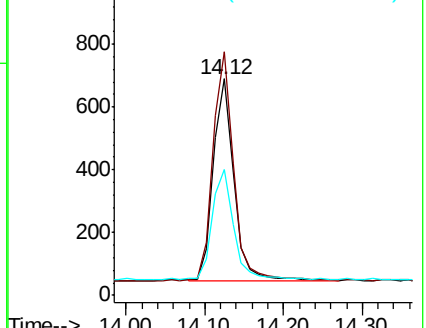
152 57.3 44.2 66.2



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: 0.192 ng

RT: 15.13 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

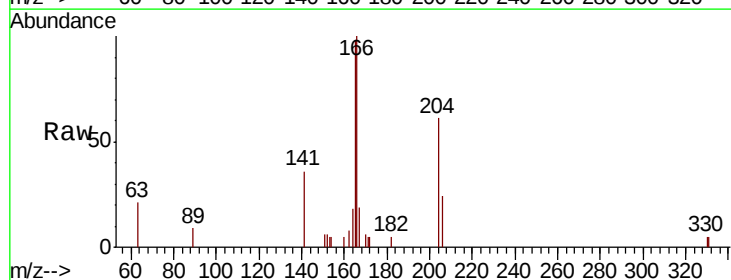
Tgt Ion:166 Resp: 1548

Ion Ratio Lower Upper

166 100

165 97.2 77.2 115.8

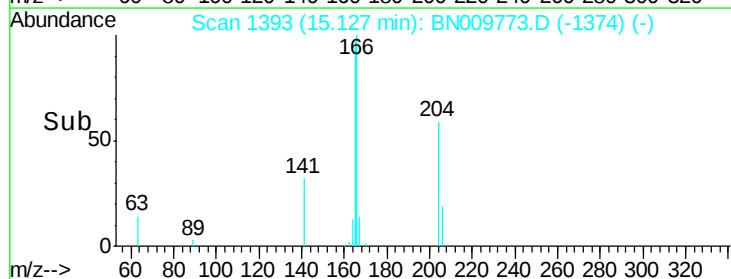
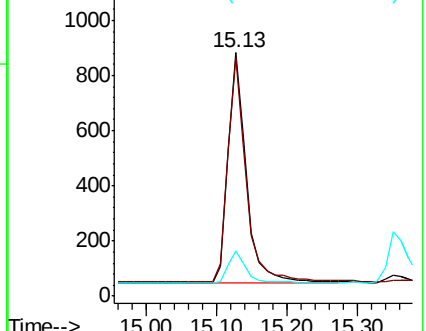
167 14.1 10.5 15.7



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: 16.82 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampleId :

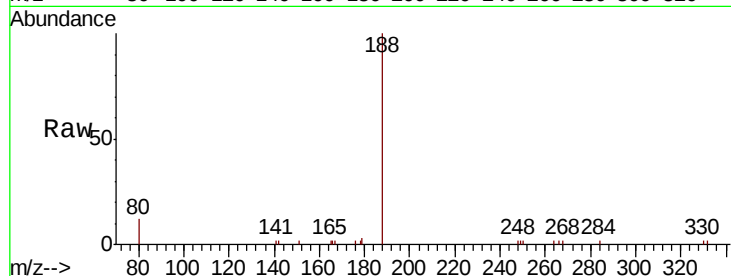
Tot Ion:188 Resp: 4748

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

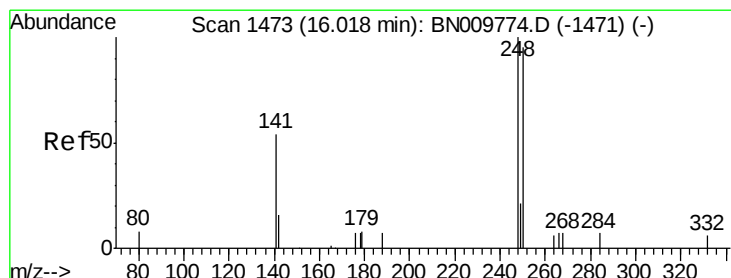
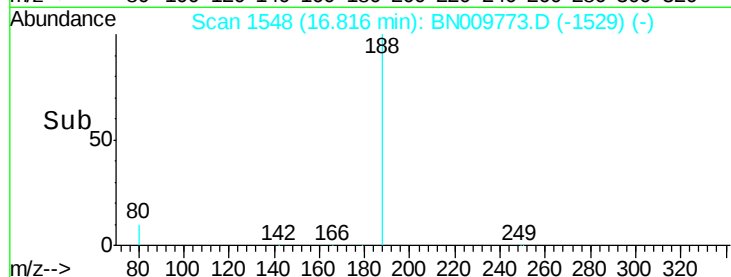
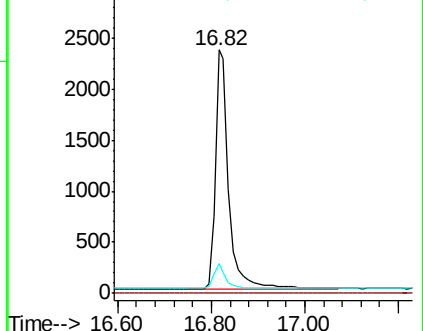
80 12.2 8.3 12.5



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: 0.253 ng

RT: 16.02 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

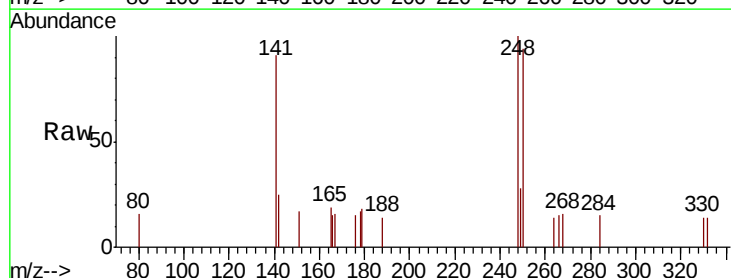
Tgt Ion:248 Resp: 724

Ion Ratio Lower Upper

248 100

250 94.2 76.2 114.4

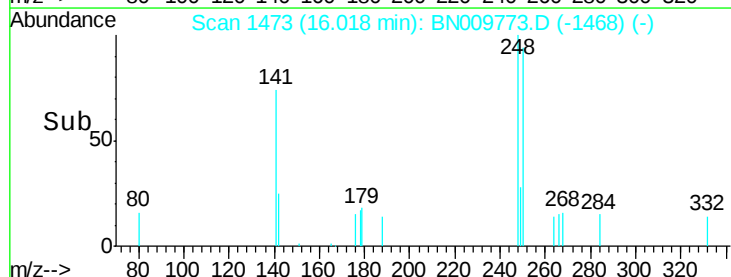
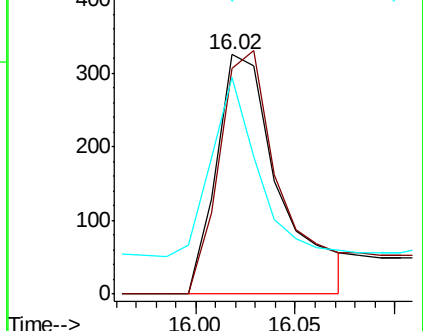
141 90.8 57.8 86.6#

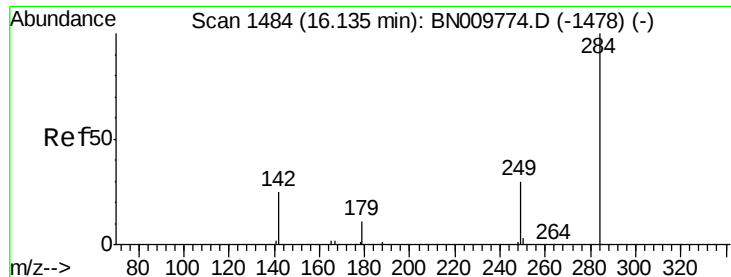


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.187 ng

RT: 16.14 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampled :

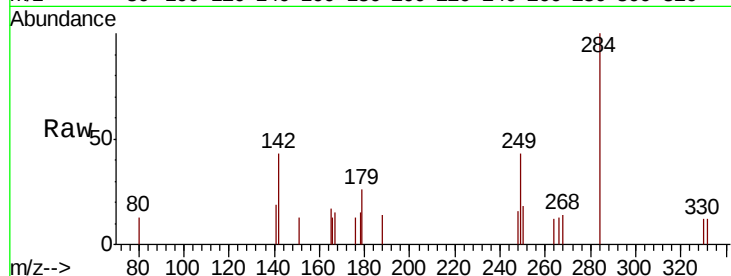
Tot Ion:284 Resp: 568

Ion Ratio Lower Upper

284 100

142 42.6 33.3 49.9

249 33.6 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

16.14

400

300

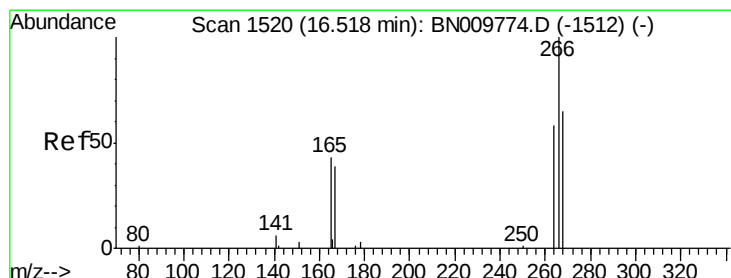
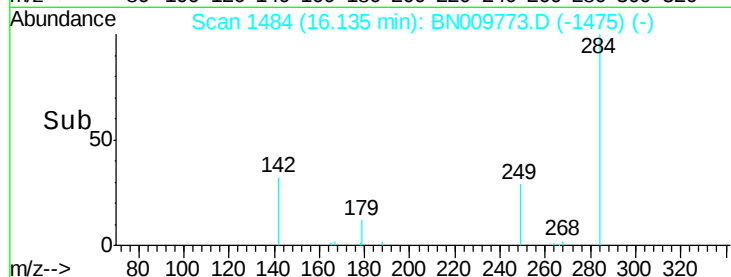
200

100

0

16.10 16.20

Time-->



#22

Pentachlorophenol

Concen: 0.129 ng

RT: 16.53 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

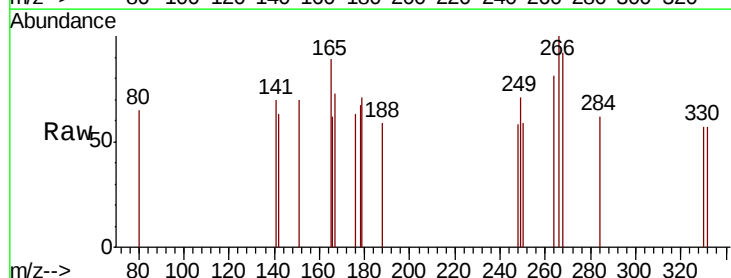
Tgt Ion:266 Resp: 110

Ion Ratio Lower Upper

266 100

264 81.0 58.1 87.1

268 92.4 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

16.53

100

80

60

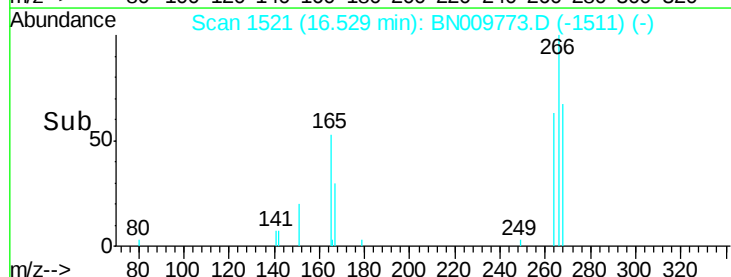
40

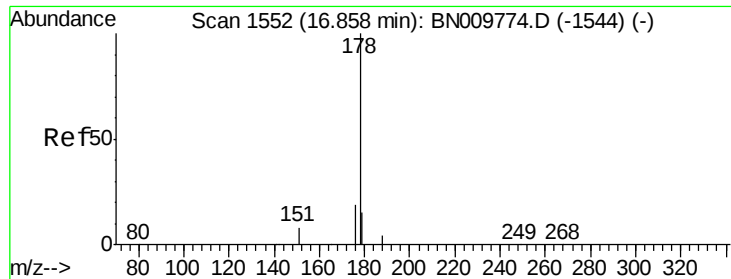
20

0

16.40 16.50 16.60

Time-->





#23

Phenanthrene

Concen: 0.187 ng

RT: 16.86 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampleId :

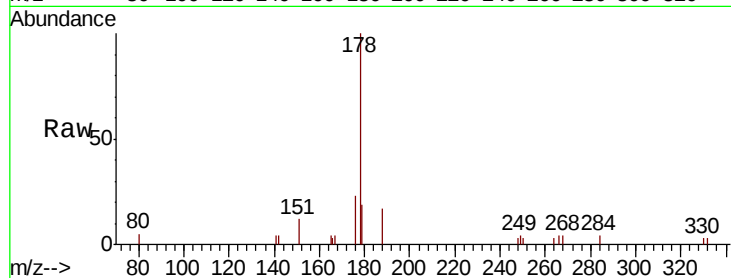
Tot Ion:178 Resp: 2663

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

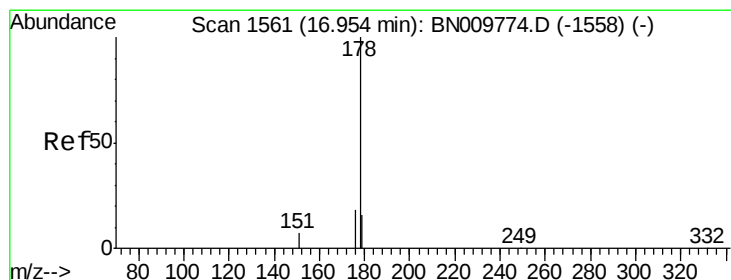
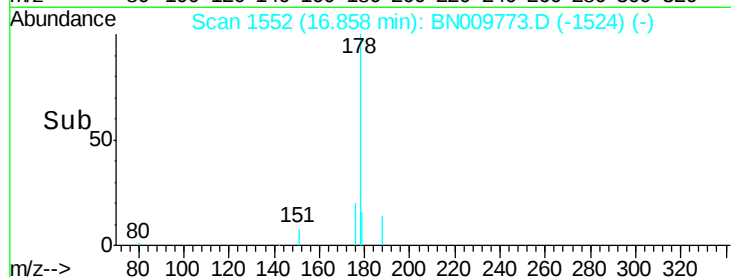
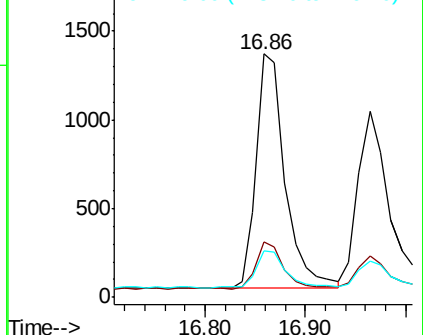
179 16.1 12.4 18.6



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: 0.178 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

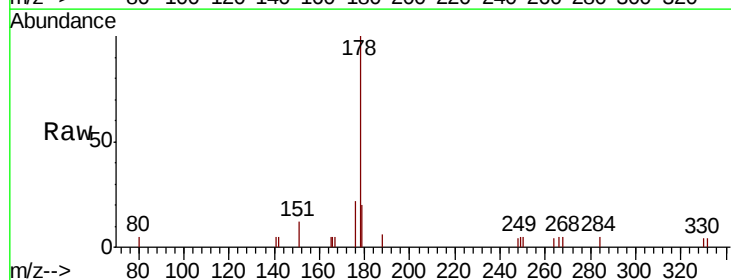
Tgt Ion:178 Resp: 2135

Ion Ratio Lower Upper

178 100

176 18.4 14.3 21.5

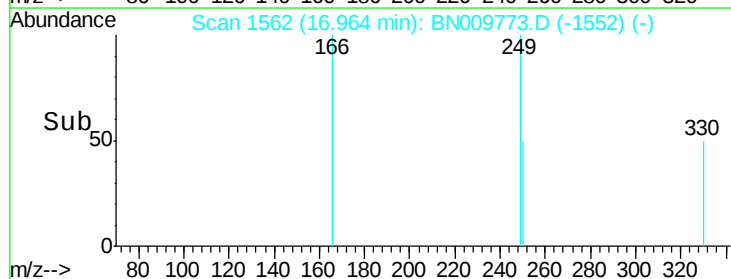
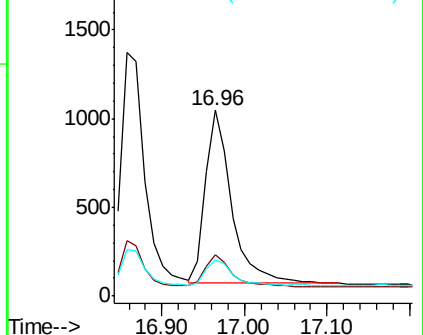
179 14.5 12.4 18.6

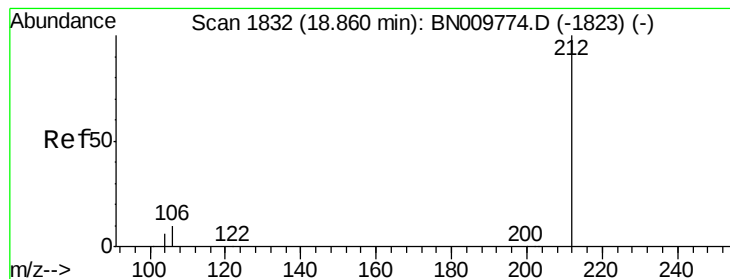


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.191 ng

RT: 18.86 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampleId :

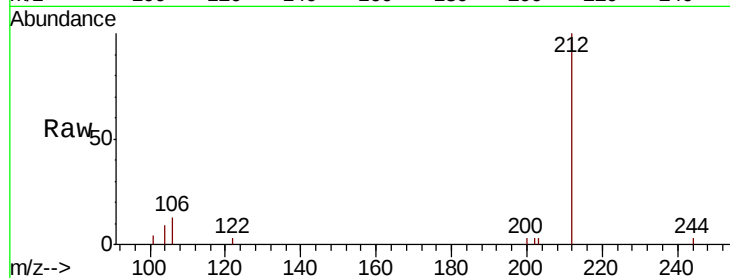
Tot Ion:212 Resp: 3115

Ion Ratio Lower Upper

212 100

106 10.1 8.4 12.6

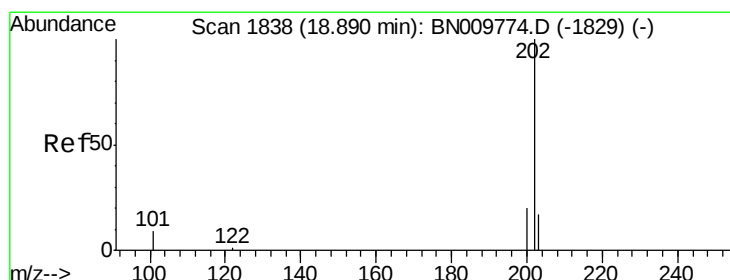
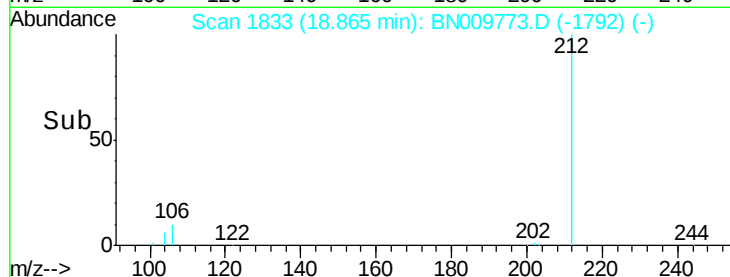
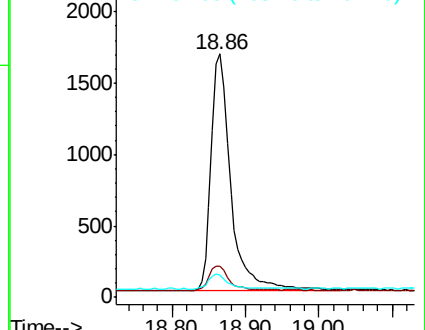
104 6.0 4.8 7.2



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: 0.189 ng

RT: 18.89 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

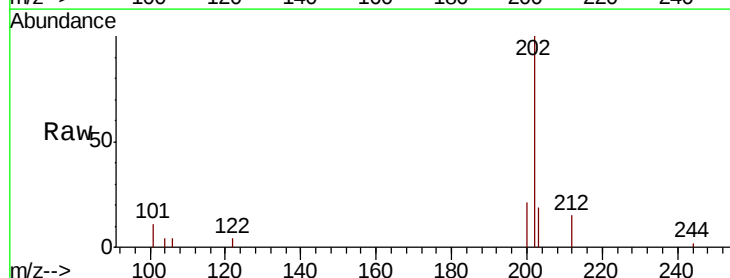
Tgt Ion:202 Resp: 3169

Ion Ratio Lower Upper

202 100

101 8.5 7.1 10.7

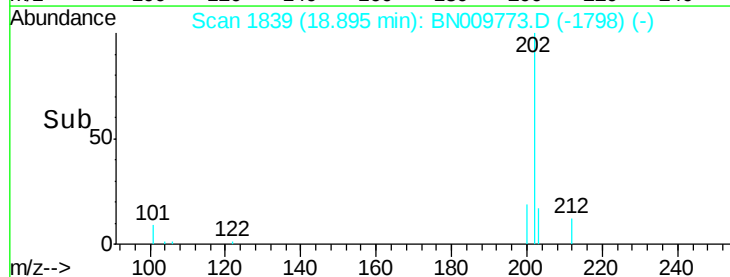
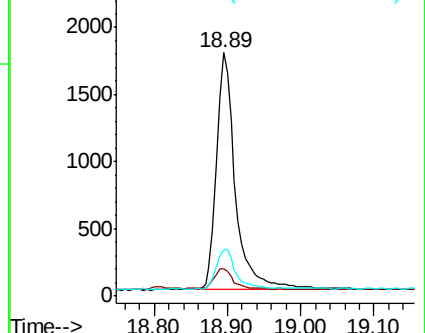
203 17.1 13.8 20.6



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: 21.04 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampleId :

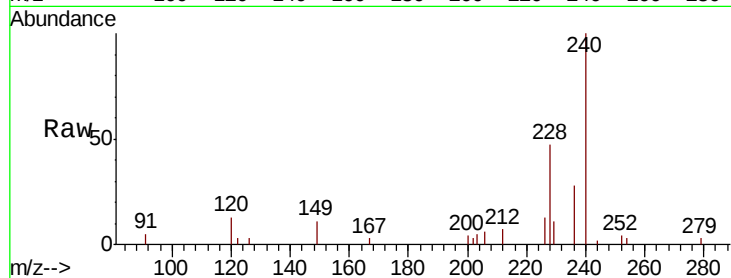
Tot Ion:240 Resp: 4191

Ion Ratio Lower Upper

240 100

120 13.0 7.9 11.9#

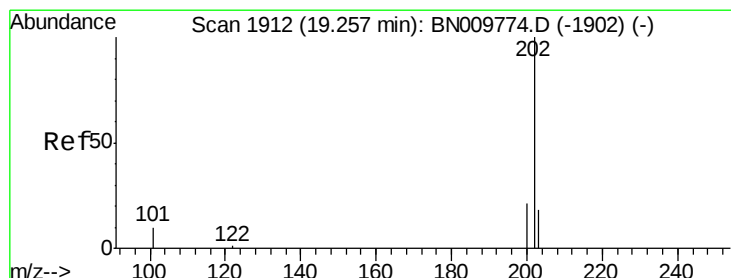
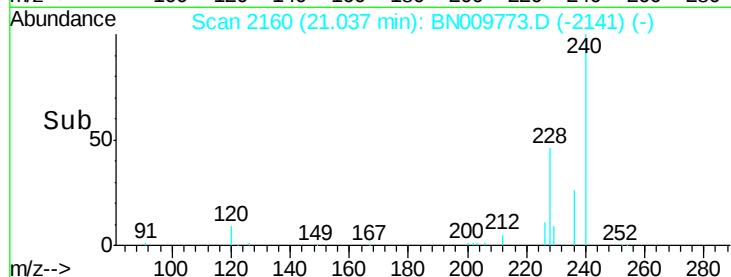
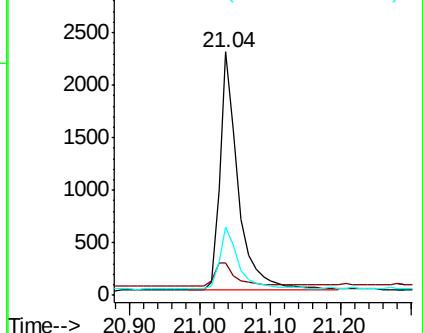
236 28.1 22.0 33.0



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: 0.200 ng

RT: 19.26 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

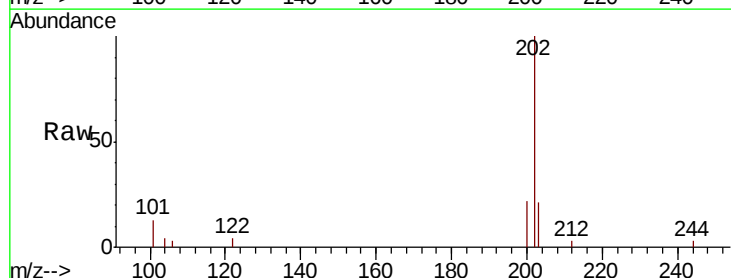
Tgt Ion:202 Resp: 3170

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

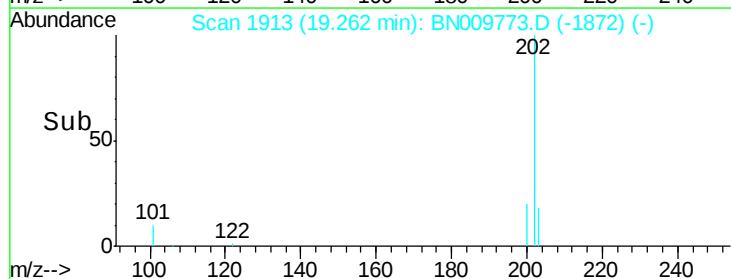
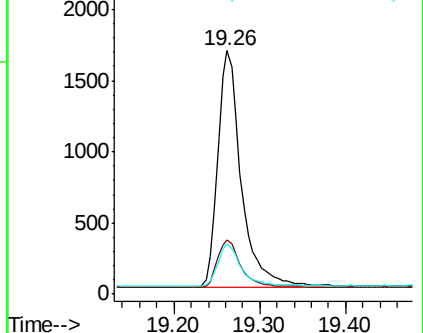
203 17.8 13.9 20.9

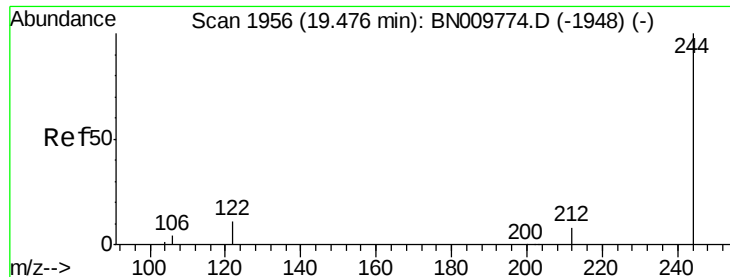


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.196 ng

RT: 19.48 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampleId :

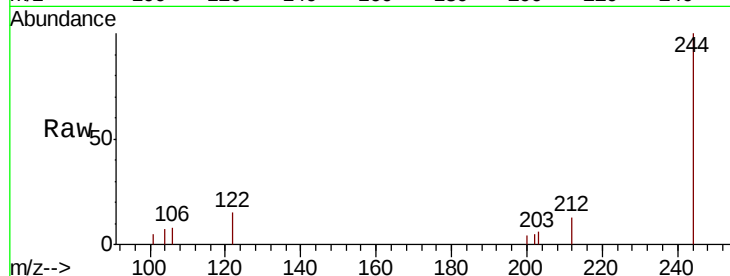
Tot Ion:244 Resp: 1948

Ion Ratio Lower Upper

244 100

212 12.7 8.0 12.0#

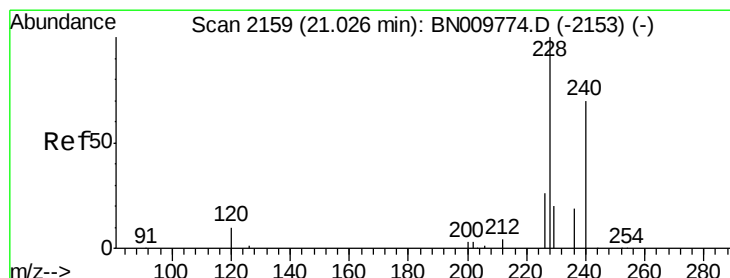
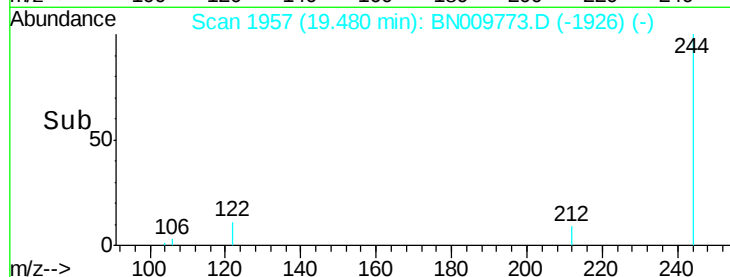
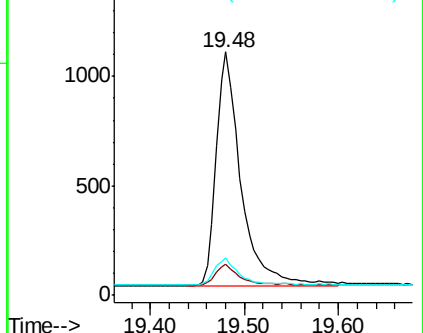
122 15.3 10.0 15.0#



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: 0.189 ng

RT: 21.03 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

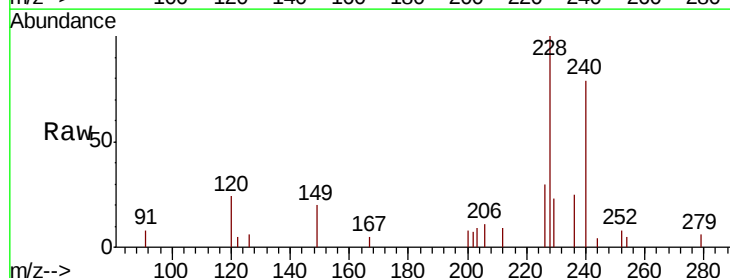
Tgt Ion:228 Resp: 2604

Ion Ratio Lower Upper

228 100

226 30.2 21.8 32.8

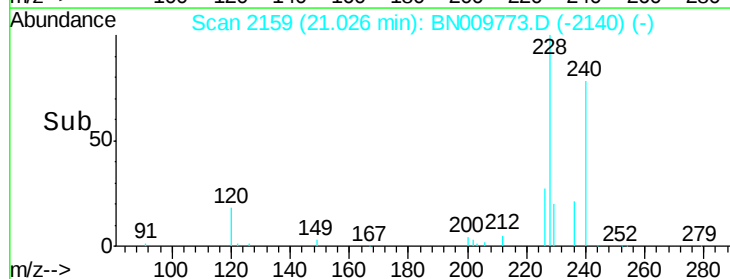
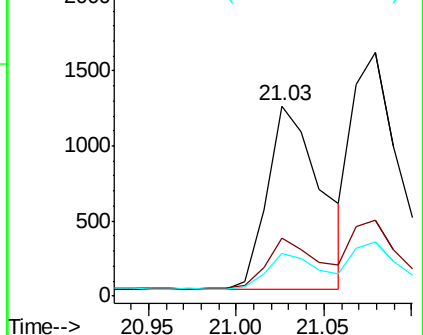
229 22.6 17.1 25.7

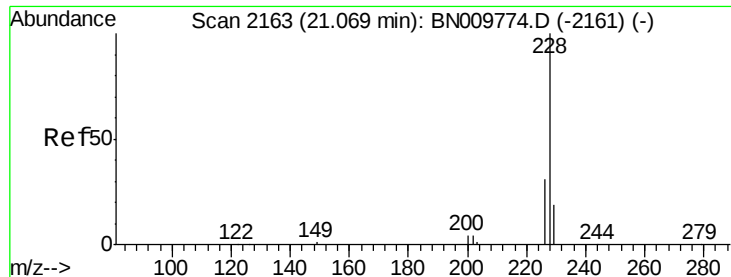


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

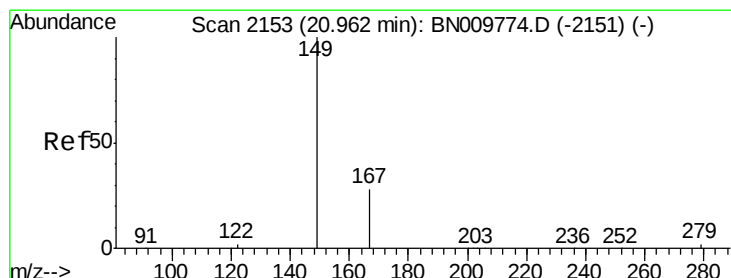
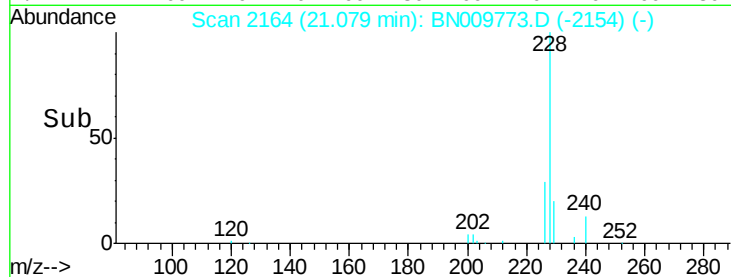
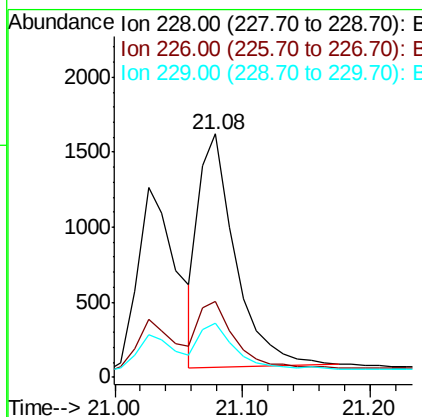
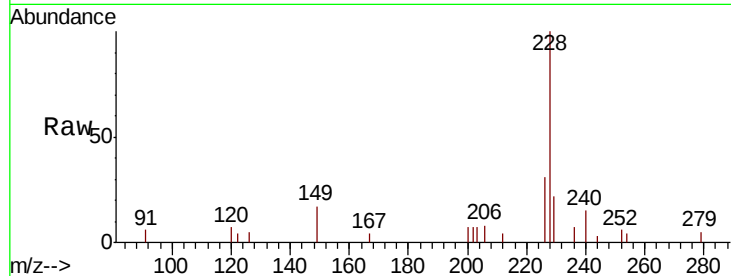




#31
 Chrvsene
 Concen: 0.194 ng
 RT: 21.08 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BN009773.D
 Acq: 19 Feb 2020 11:44

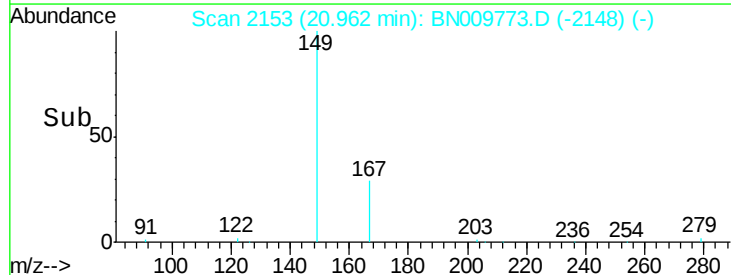
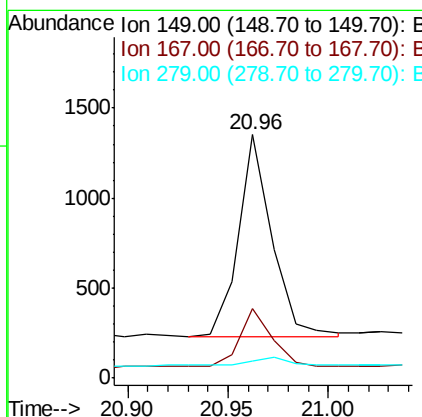
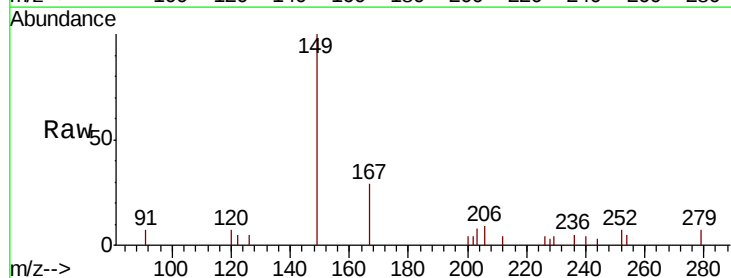
Instrument :
 BNA_N
 ClientSampleId :

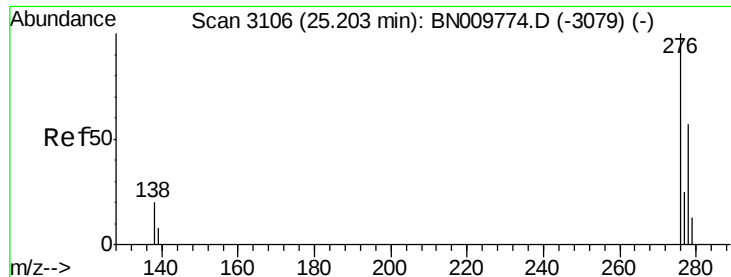
Tot Ion:228 Resp: 3057
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.8 37.2
 229 22.2 16.4 24.6



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.215 ng
 RT: 20.96 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BN009773.D
 Acq: 19 Feb 2020 11:44

Tgt Ion:149 Resp: 1307
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.7 34.1
 279 4.4 3.1 4.7

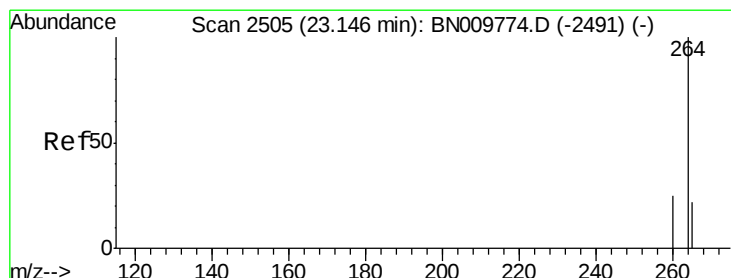
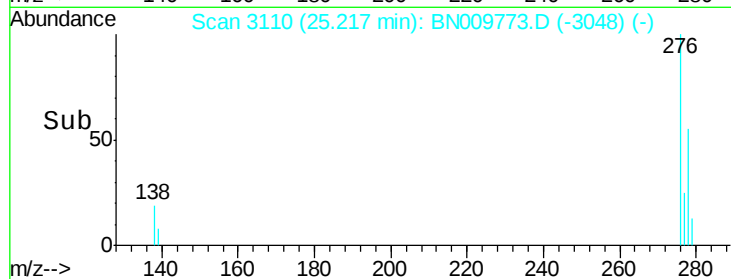
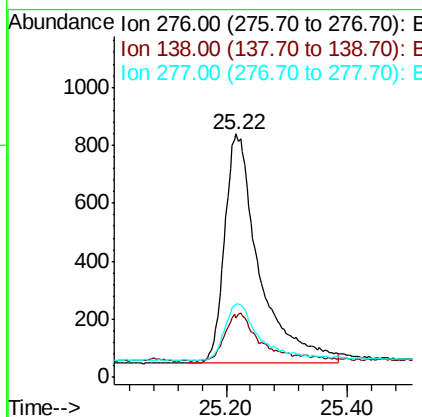
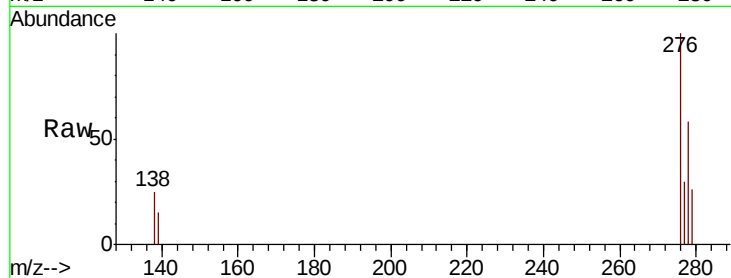




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng
RT: 25.22 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BN009773.D
Acq: 19 Feb 2020 11:44

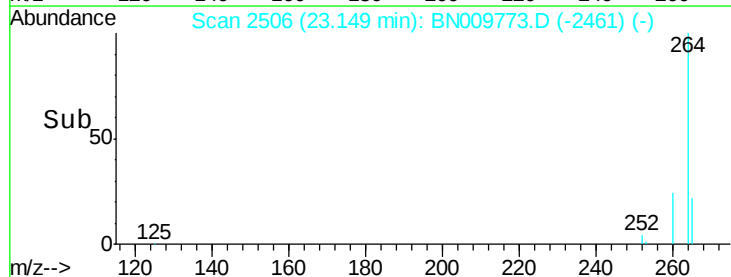
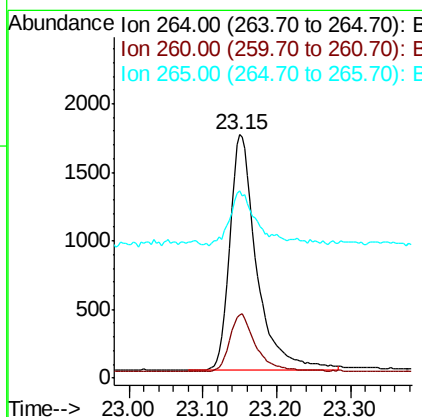
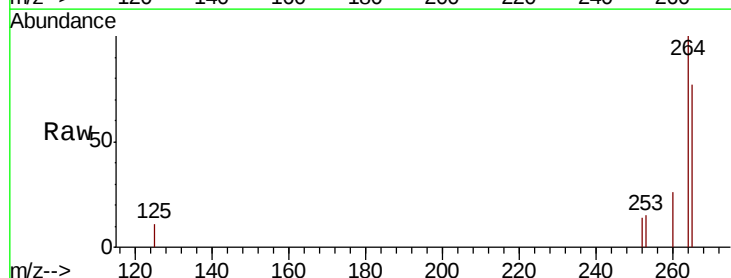
Instrument :
BNA_N
ClientSampled :

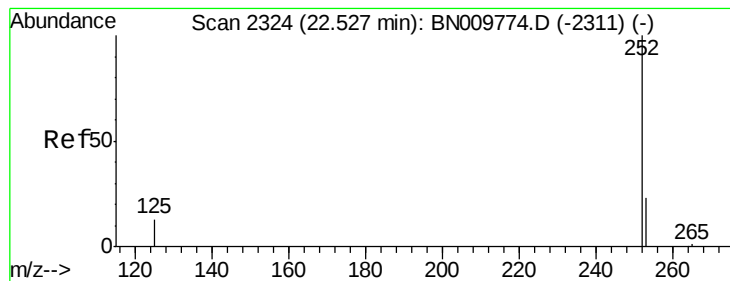
Tot Ion:276 Resp: 3162
Ion Ratio Lower Upper
276 100
138 19.4 15.8 23.6
277 23.9 19.3 28.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BN009773.D
Acq: 19 Feb 2020 11:44

Tgt Ion:264 Resp: 4352
Ion Ratio Lower Upper
264 100
260 26.0 21.1 31.7
265 76.7 57.5 86.3





#35

Benzo(b)fluoranthene

Concen: 0.177 ng

RT: 22.53 min Scan# 2326

Delta R.T. 0.01 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampleId :

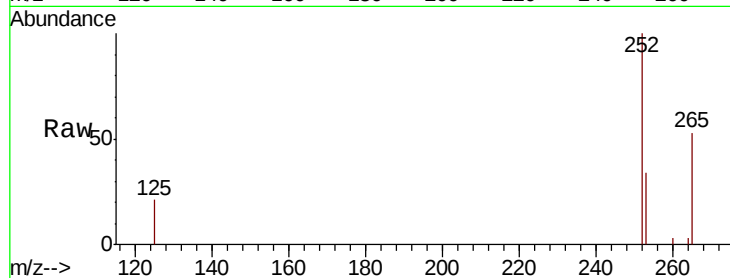
Tot Ion:252 Resp: 2832

Ion Ratio Lower Upper

252 100

253 34.0 23.0 34.6

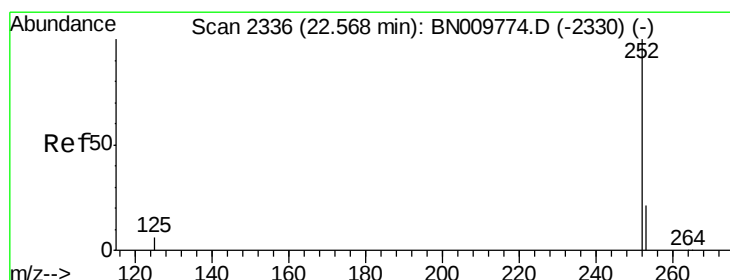
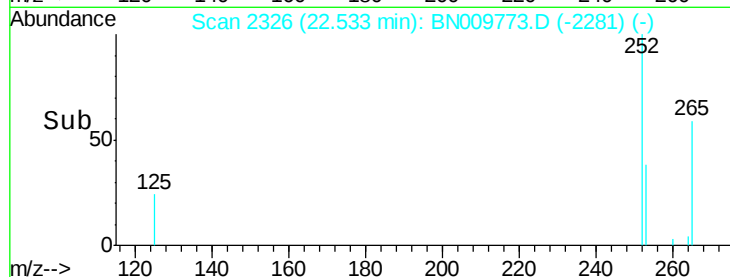
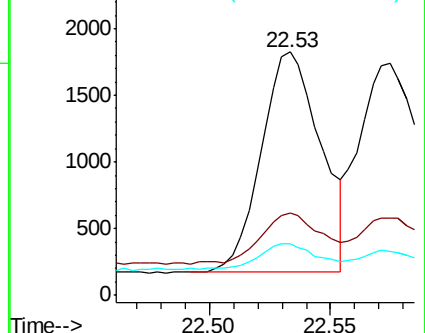
125 21.2 14.4 21.6



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: 0.185 ng

RT: 22.57 min Scan# 2338

Delta R.T. 0.01 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

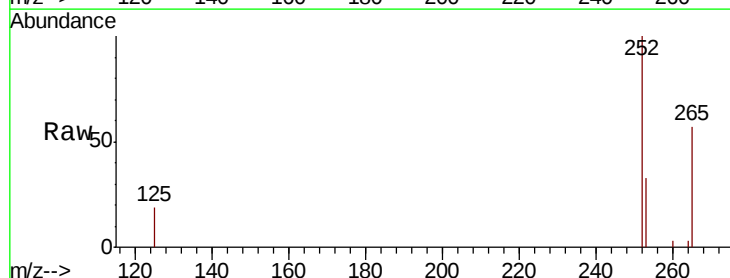
Tgt Ion:252 Resp: 3275

Ion Ratio Lower Upper

252 100

253 33.2 22.2 33.2

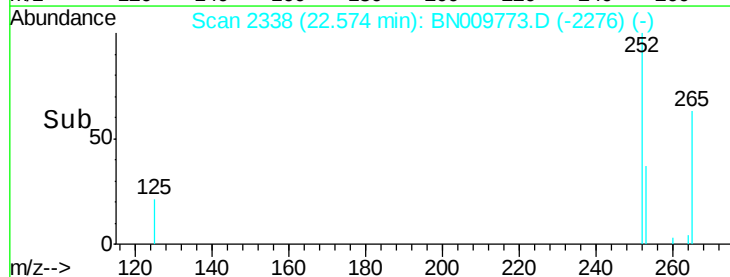
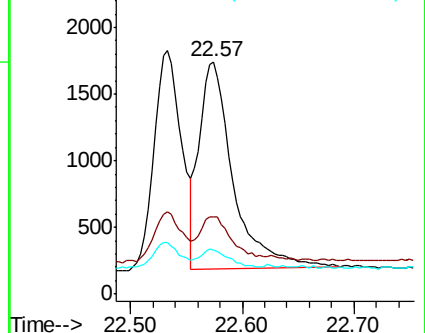
125 18.9 10.5 15.7#

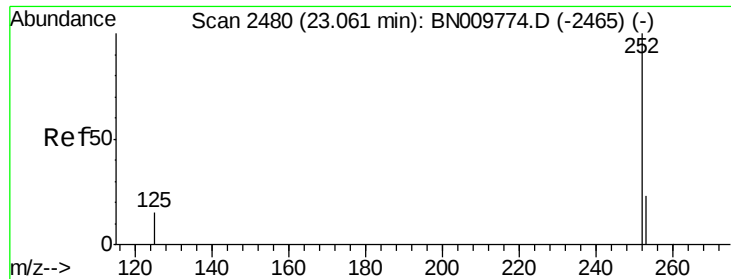


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.186 ng

RT: 23.07 min Scan# 2482

Delta R.T. 0.01 min

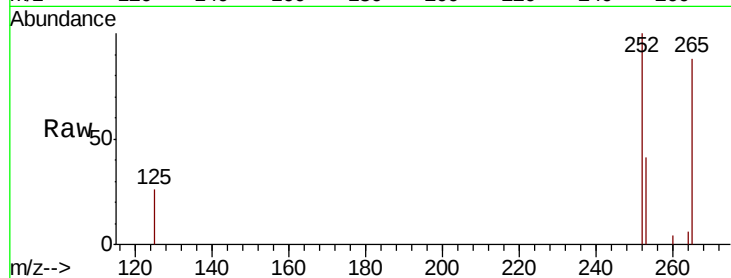
Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

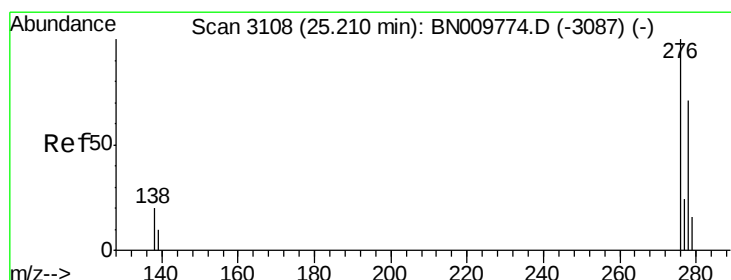
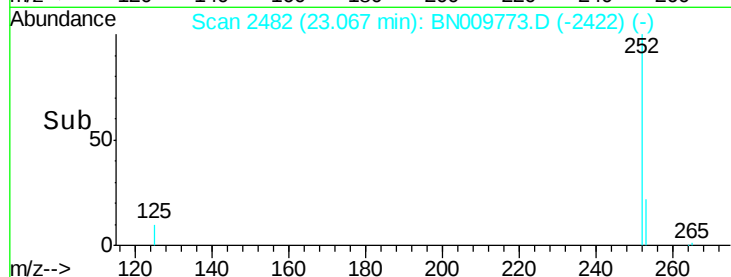
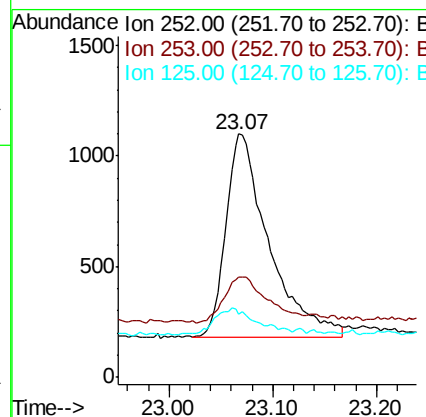
Instrument :

BNA_N

ClientSampled :



Tot Ion:	252	Resp:	2625
Ion	Ratio	Lower	Upper
252	100		
253	41.1	25.3	37.9#
125	26.1	17.7	26.5



#38

Dibenzo(a,h)anthracene

Concen: 0.177 ng

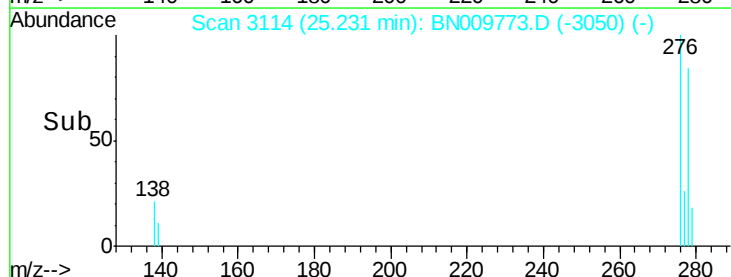
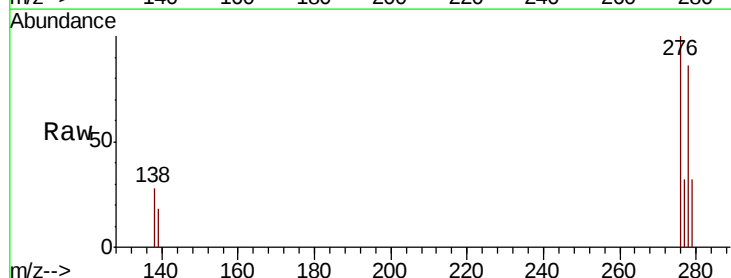
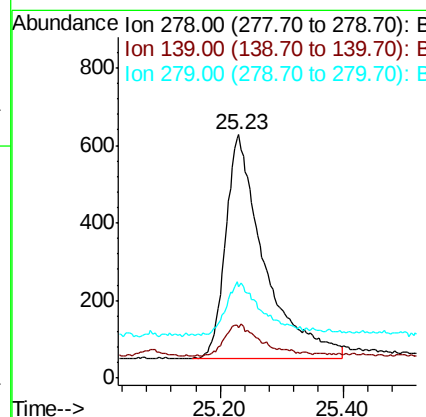
RT: 25.23 min Scan# 3114

Delta R.T. 0.02 min

Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Tgt Ion:	278	Resp:	2516
Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.5	21.7
279	37.4	24.3	36.5#





#39

Benzo(a,h,i)perylene

Concen: 0.179 ng

RT: 25.84 min Scan# 3293

Delta R.T. 0.01 min

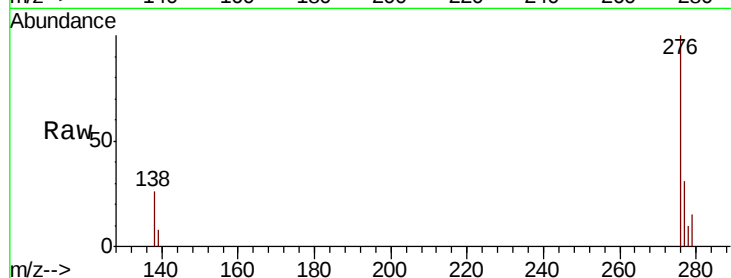
Lab File: BN009773.D

Acq: 19 Feb 2020 11:44

Instrument :

BNA_N

ClientSampleId :



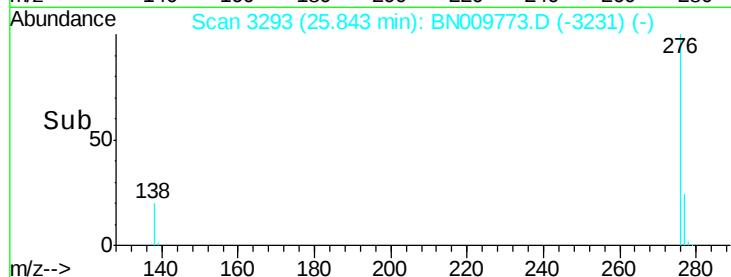
Tot Ion: 276 Resp: 2798

Ion Ratio Lower Upper

276 100

277 30.6 21.4 32.0

138 26.3 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

