

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
 Data File : BN009774.D
 Acq On : 19 Feb 2020 12:20
 Operator : CG/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 19 13:52:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 13:45:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	957	0.40	ng	0.00
7) Naphthalene-d8	10.18	136	3124	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	2003	0.40	ng	0.00
19) Phenanthrene-d10	16.82	188	4647	0.40	ng	0.00
27) Chrysene-d12	21.04	240	4190	0.40	ng	0.00
34) Perylene-d12	23.15	264	4314	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.08	112	820	0.37	ng	0.00
5) Phenol-d6	6.65	99	984	0.39	ng	0.00
8) Nitrobenzene-d5	8.59	82	978	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.78	152	2335	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.58	330	276	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.69	172	2905	0.39	ng	0.00
25) Fluoranthene-d10	18.86	212	5997	0.38	ng	0.00
29) Terphenyl-d14	19.48	244	3907	0.39	ng	0.00

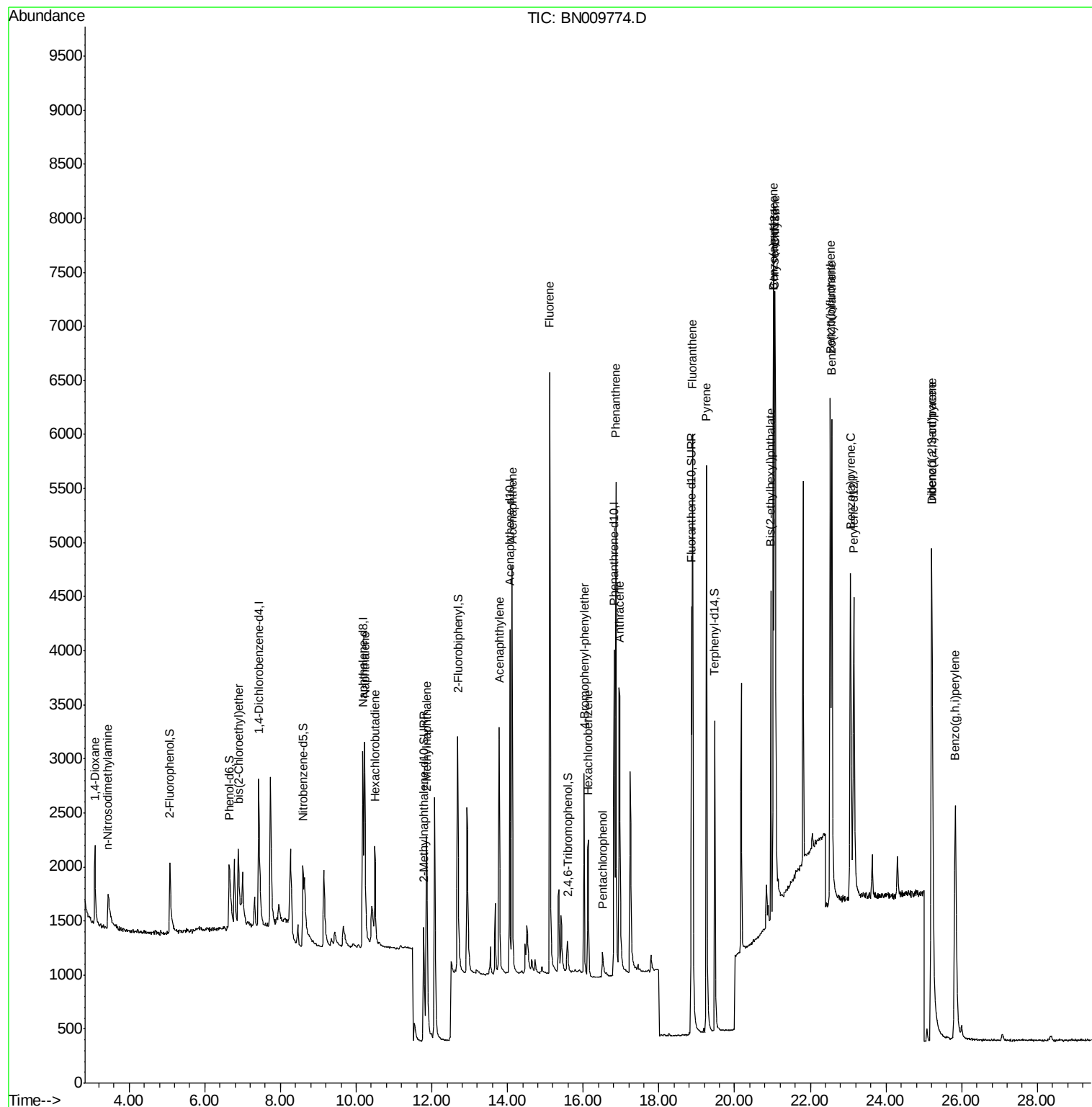
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	390	0.391	ng	98
3) n-Nitrosodimethylamine	3.44	42	531	0.344	ng	98
6) bis(2-Chloroethyl)ether	6.89	93	969	0.369	ng	97
9) Naphthalene	10.23	128	3311	0.392	ng	100
10) Hexachlorobutadiene	10.49	225	752	0.406	ng	# 99
12) 2-Methylnaphthalene	11.86	142	2251	0.382	ng	100
16) Acenaphthylene	13.78	152	3068	0.355	ng	100
17) Acenaphthene	14.12	154	2304	0.379	ng	99
18) Fluorene	15.12	166	3077	0.389	ng	100
20) 4-Bromophenyl-phenylether	16.02	248	1228	0.439	ng	100
21) Hexachlorobenzene	16.14	284	1104	0.371	ng	100
22) Pentachlorophenol	16.52	266	221	0.264	ng	100
23) Phenanthrene	16.86	178	5114	0.366	ng	100
24) Anthracene	16.95	178	4207	0.359	ng	100
26) Fluoranthene	18.89	202	6138	0.375	ng	100
28) Pyrene	19.26	202	6172	0.389	ng	100
30) Benzo(a)anthracene	21.03	228	4940	0.359	ng	100
31) Chrysene	21.07	228	6273	0.398	ng	100
32) Bis(2-ethylhexyl)phthalate	20.96	149	2440	0.401	ng	99
33) Indeno(1,2,3-cd)pyrene	25.20	276	6690	0.408	ng	100
35) Benzo(b)fluoranthene	22.53	252	5769	0.364	ng	100
36) Benzo(k)fluoranthene	22.57	252	6528	0.373	ng	100
37) Benzo(a)pyrene	23.06	252	5599	0.401	ng	100
38) Dibenzo(a,h)anthracene	25.21	278	5323	0.379	ng	100
39) Benzo(g,h,i)perylene	25.83	276	5696	0.368	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampled :

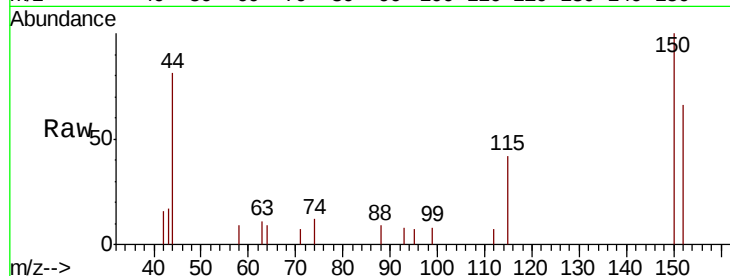
Tot Ion:152 Resp: 957

Ion Ratio Lower Upper

152 100

150 150.8 120.6 181.0

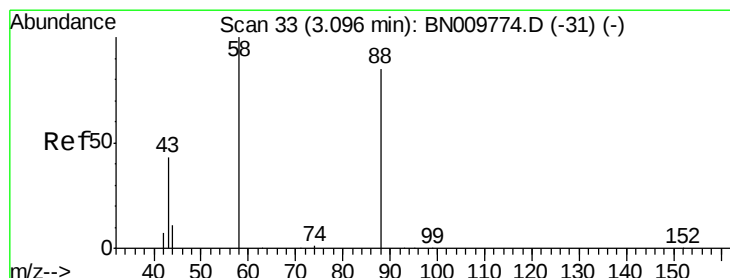
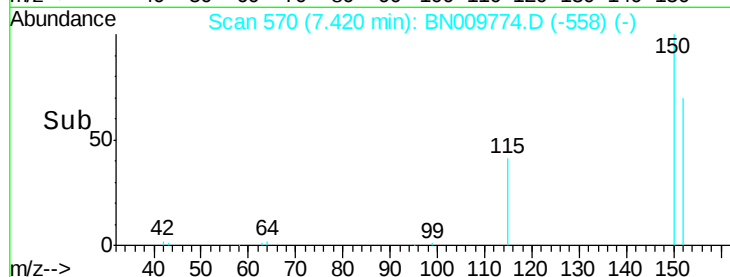
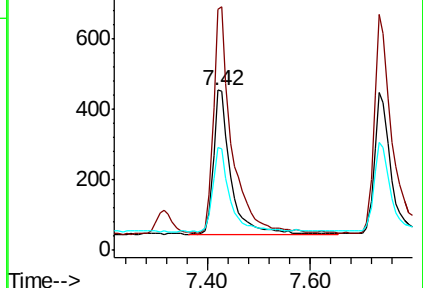
115 64.0 51.2 76.8



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: 0.391 ng

RT: 3.10 min Scan# 33

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

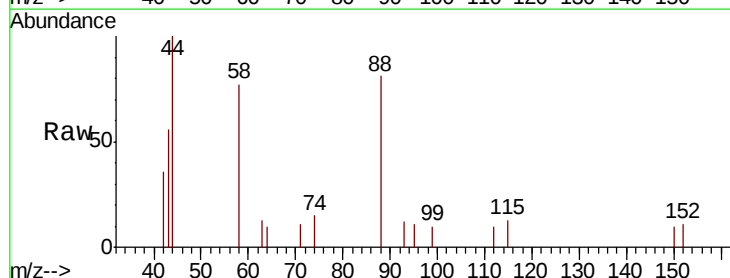
Tgt Ion: 88 Resp: 390

Ion Ratio Lower Upper

88 100

58 124.9 97.8 146.8

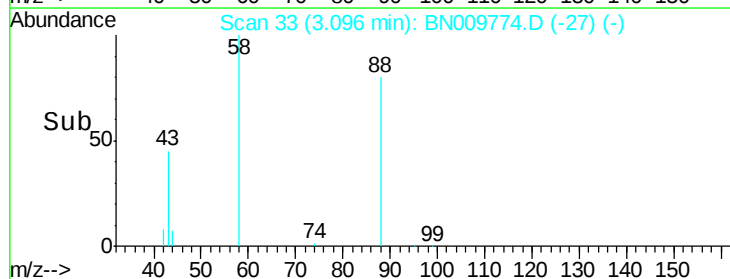
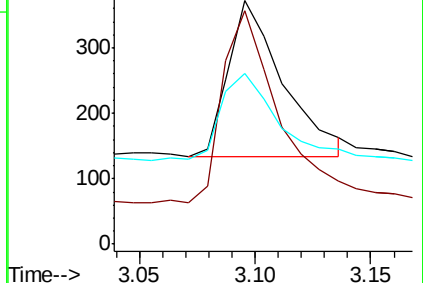
43 56.4 45.1 67.7

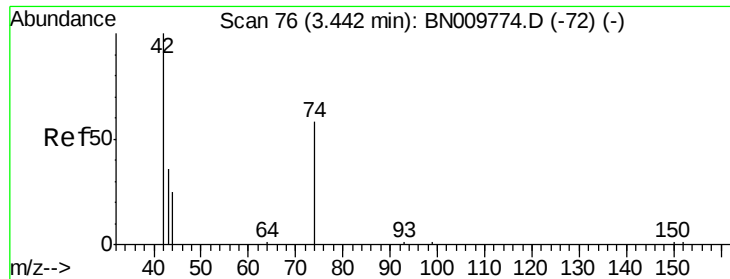


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



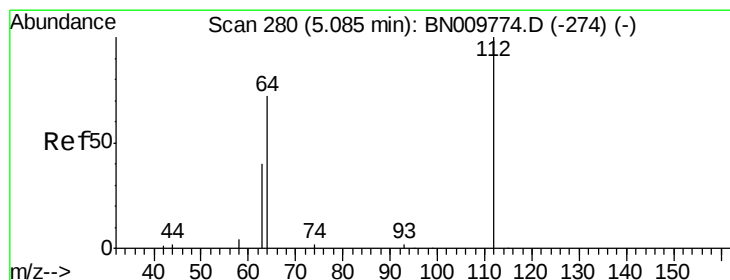
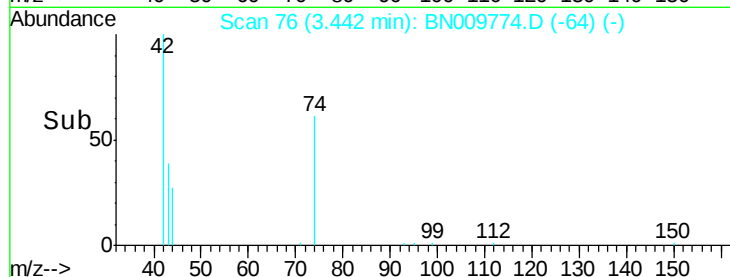
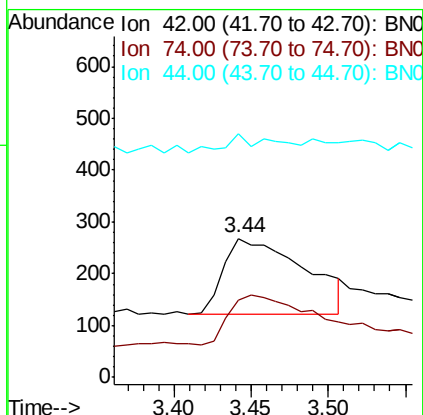
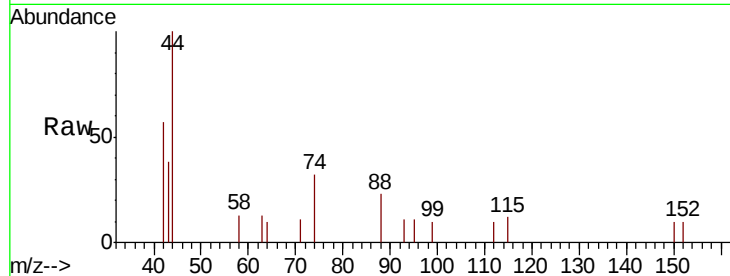


#3

n-Nitrosodimethylamine
 Concen: 0.344 ng
 RT: 3.44 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: BN009774.D
 Acq: 19 Feb 2020 12:20

Instrument :
 BNA_N
 ClientSampled :

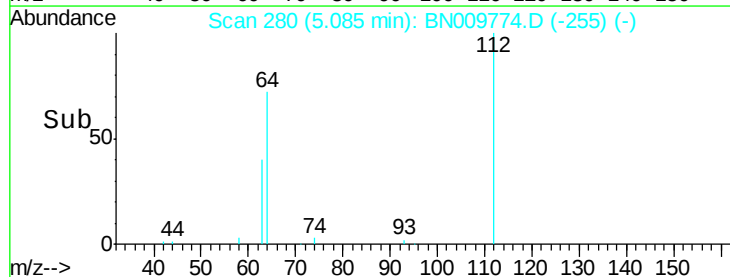
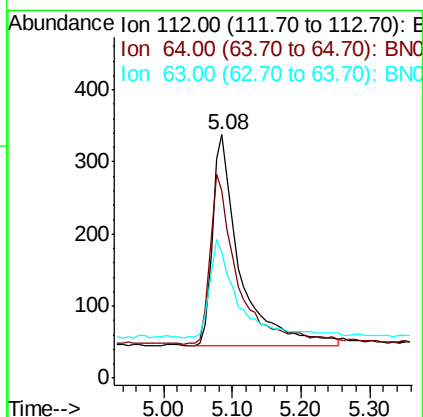
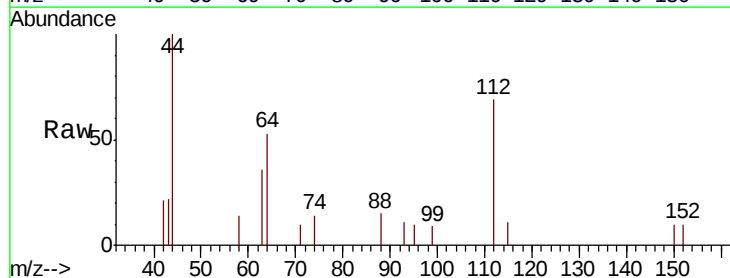
Tot Ion: 42 Resp: 531
 Ion Ratio Lower Upper
 42 100
 74 65.9 51.2 76.8
 44 3.6 2.6 4.0



#4

2-Fluorophenol
 Concen: 0.372 ng
 RT: 5.08 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: BN009774.D
 Acq: 19 Feb 2020 12:20

Tgt Ion: 112 Resp: 820
 Ion Ratio Lower Upper
 112 100
 64 82.2 65.8 98.6
 63 48.4 38.7 58.1





#5

Phenol-d6

Concen: 0.386 ng

RT: 6.65 min Scan# 474

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

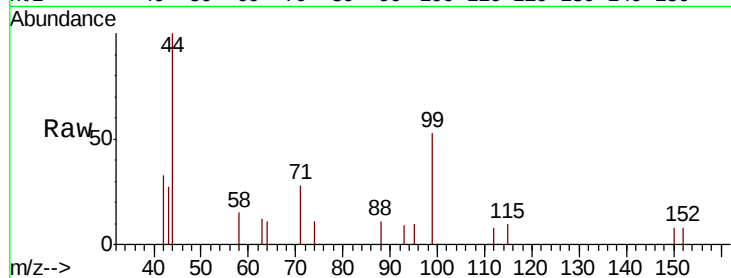
Tot Ion: 99 Resp: 984

Ion Ratio Lower Upper

99 100

42 37.7 30.8 46.2

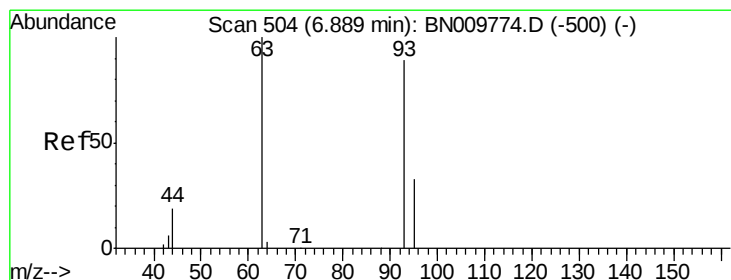
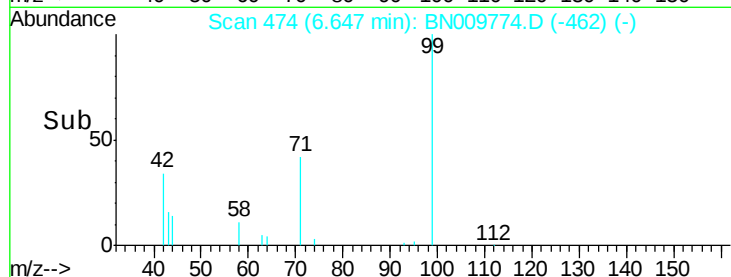
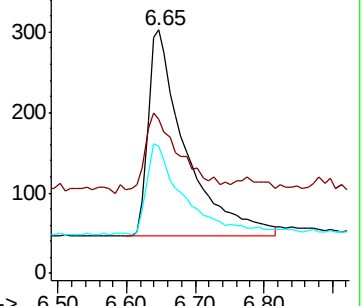
71 44.2 34.9 52.3



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: 0.369 ng

RT: 6.89 min Scan# 504

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

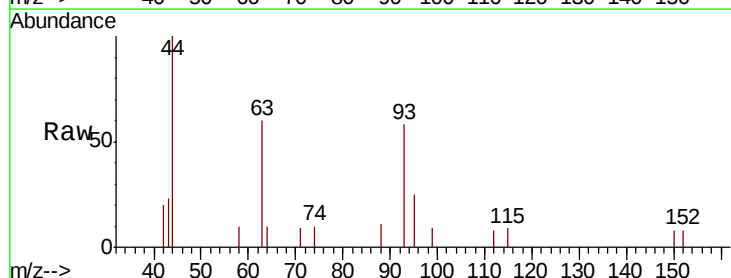
Tgt Ion: 93 Resp: 969

Ion Ratio Lower Upper

93 100

63 89.2 74.0 111.0

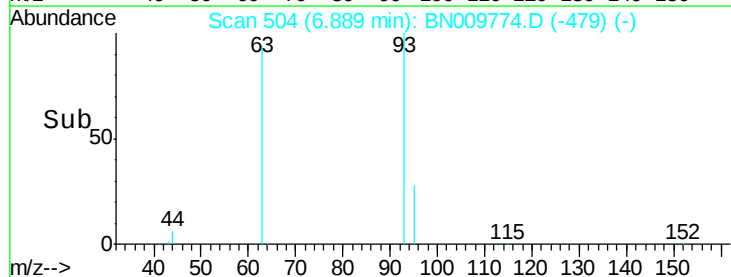
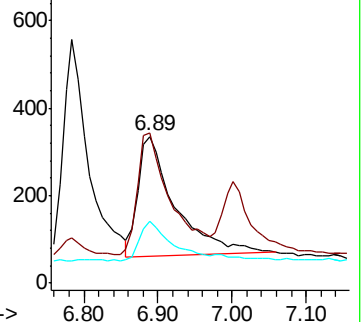
95 32.9 26.7 40.1

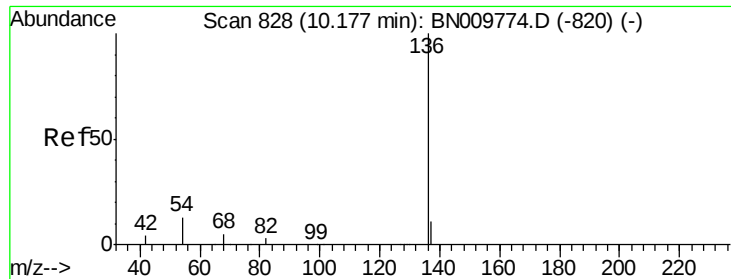


Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3124

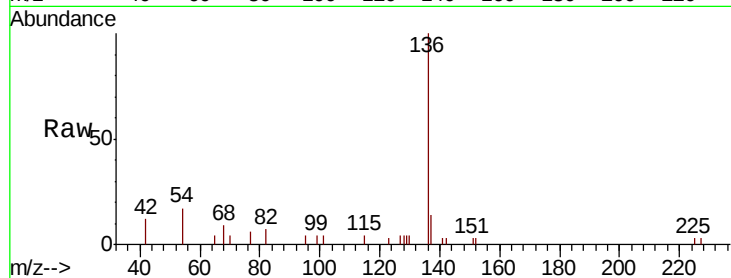
Ion Ratio Lower Upper

136 100

137 14.1 11.3 16.9

54 16.8 13.4 20.2

68 8.7 7.0 10.4

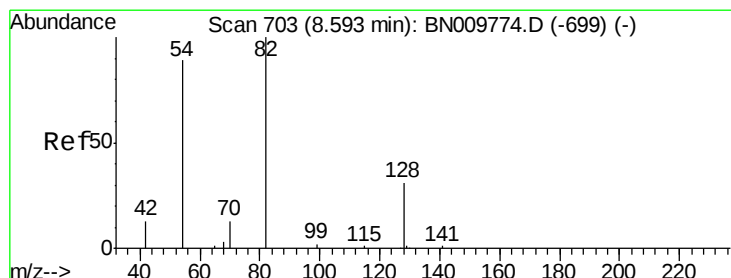
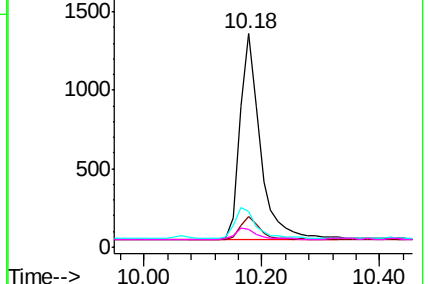
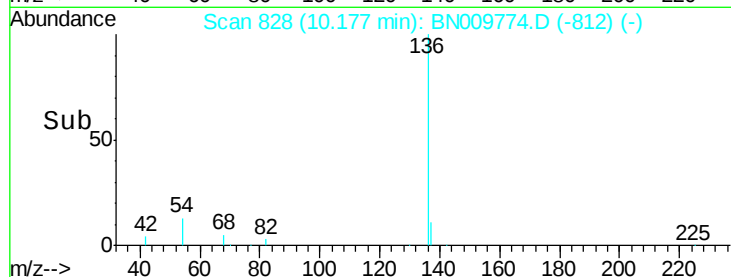


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 8.59 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

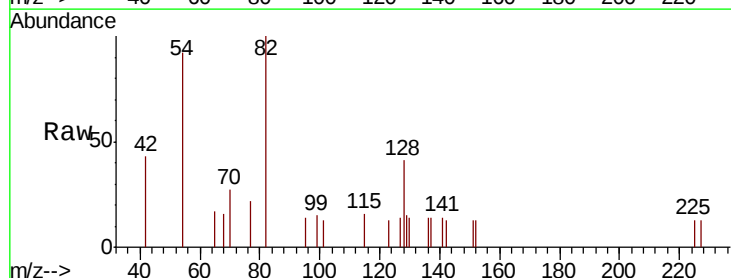
Tgt Ion: 82 Resp: 978

Ion Ratio Lower Upper

82 100

128 40.6 32.5 48.7

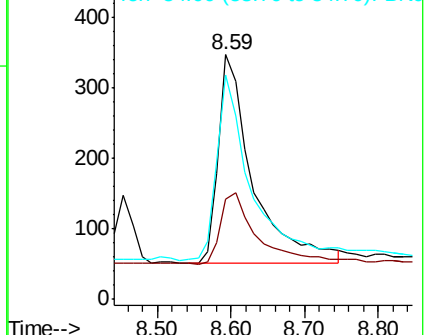
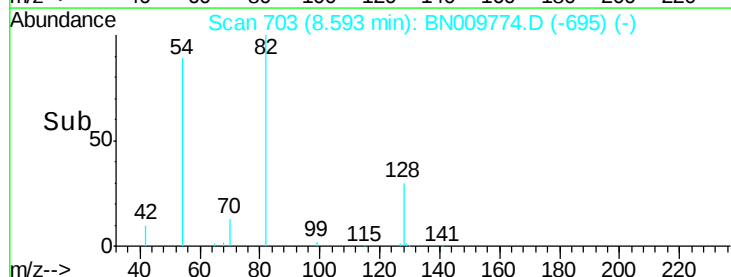
54 91.9 73.5 110.3



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.392 ng

RT: 10.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

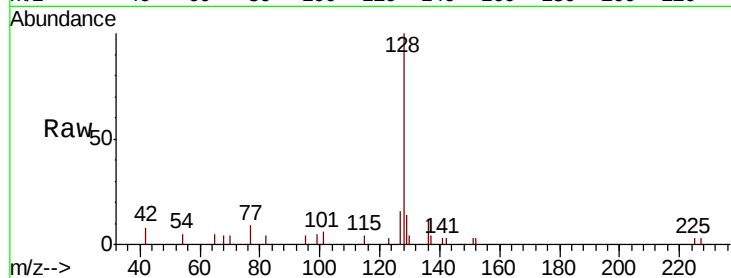
Tot Ion:128 Resp: 3311

Ion Ratio Lower Upper

128 100

129 13.9 11.1 16.7

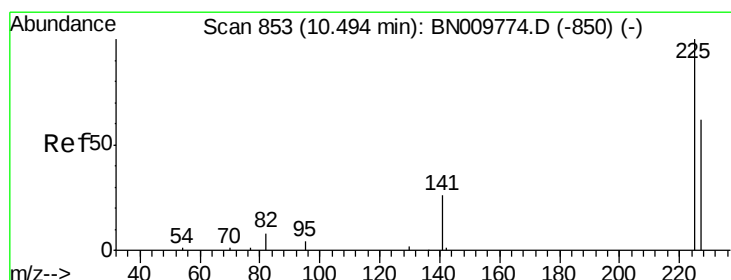
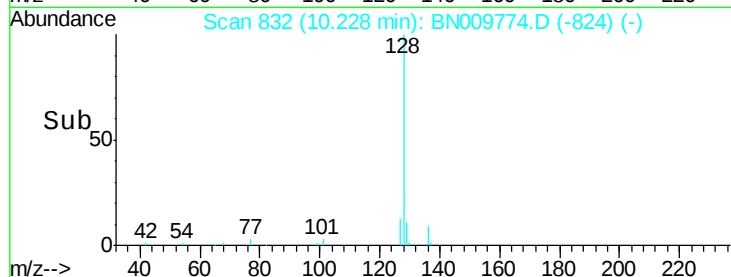
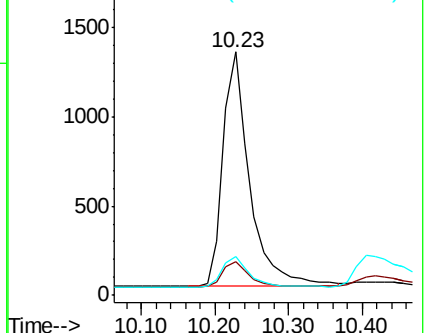
127 15.8 12.6 19.0



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: 0.406 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

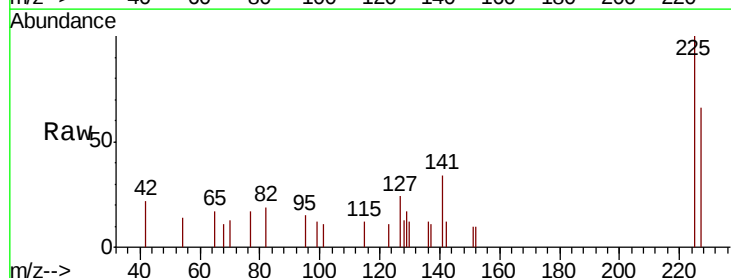
Tgt Ion:225 Resp: 752

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

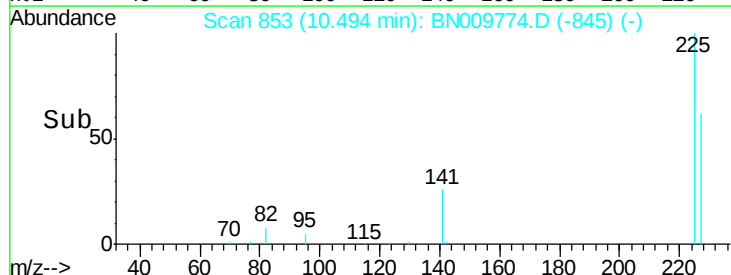
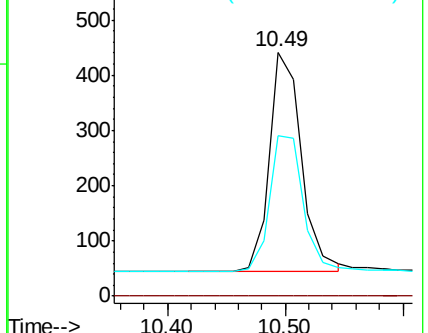
227 66.1 53.4 80.2

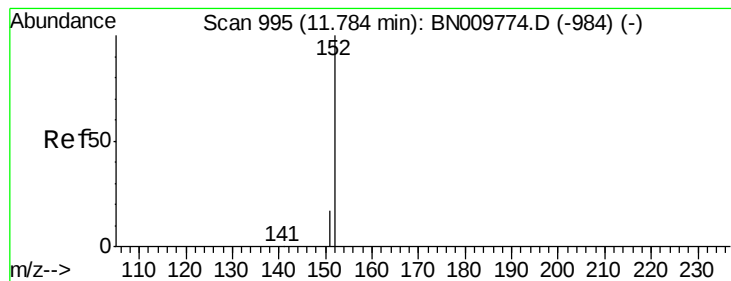


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

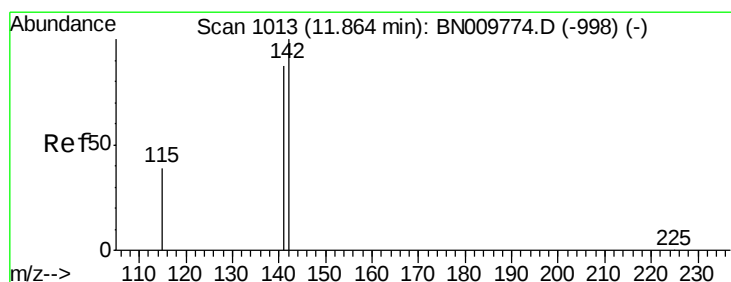
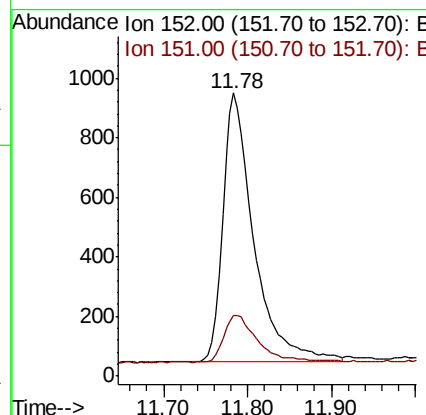
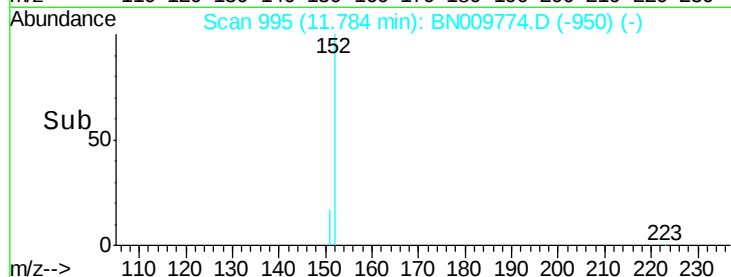
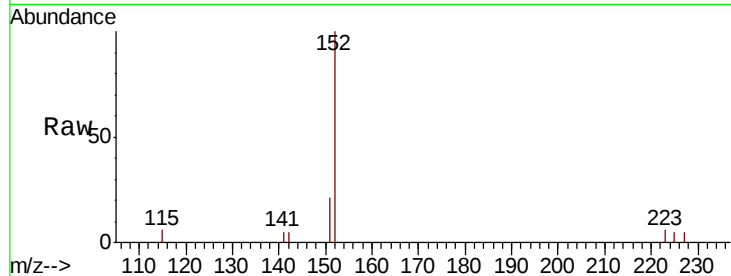




#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 11.78 min Scan# 995
Delta R.T. 0.00 min
Lab File: BN009774.D
Acq: 19 Feb 2020 12:20

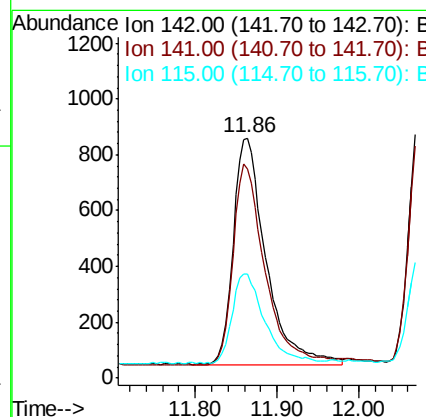
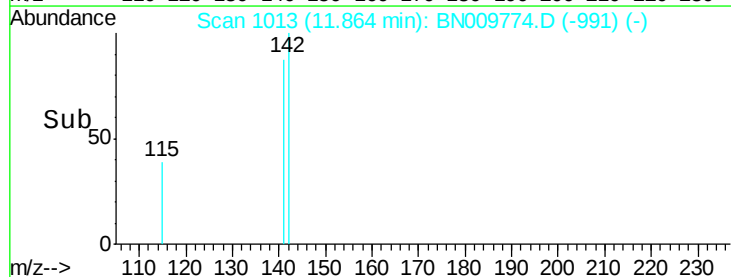
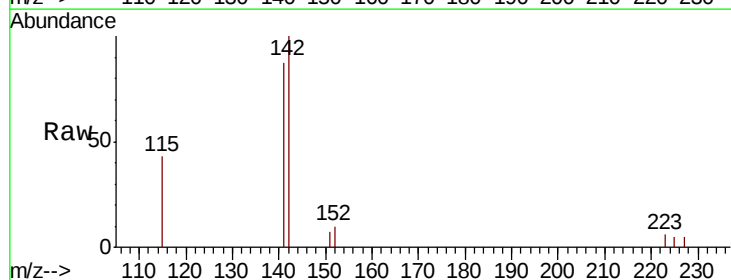
Instrument :
BNA_N
ClientSampled :

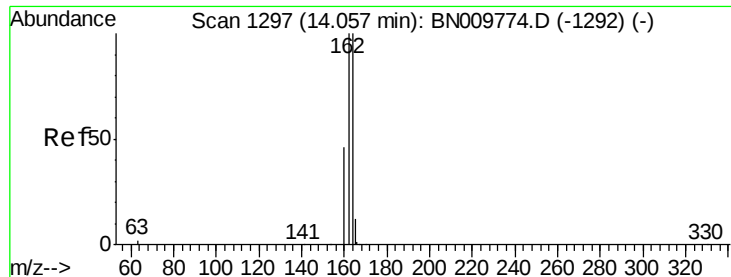
Tot Ion:152 Resp: 2335
Ion Ratio Lower Upper
152 100
151 18.9 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 11.86 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BN009774.D
Acq: 19 Feb 2020 12:20

Tgt Ion:142 Resp: 2251
Ion Ratio Lower Upper
142 100
141 87.2 69.8 104.6
115 43.3 34.6 52.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

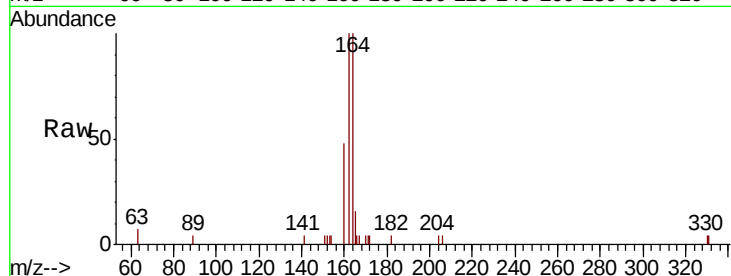
Tot Ion:164 Resp: 2003

Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

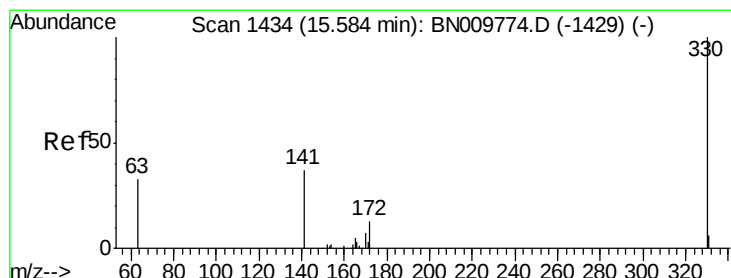
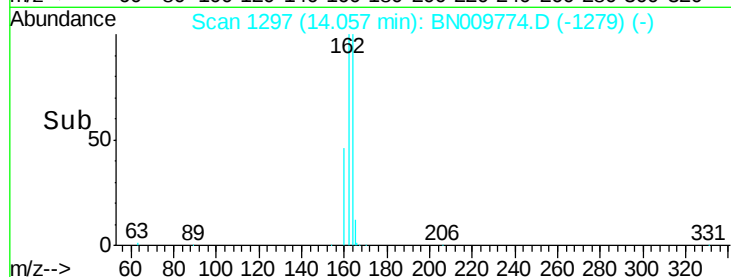
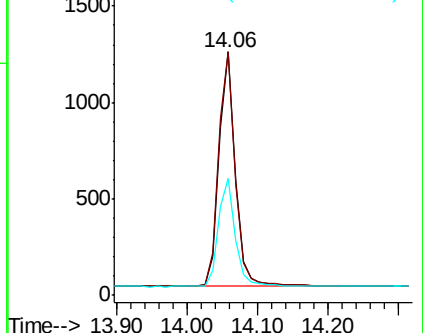
160 47.7 38.2 57.2



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: 0.364 ng

RT: 15.58 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

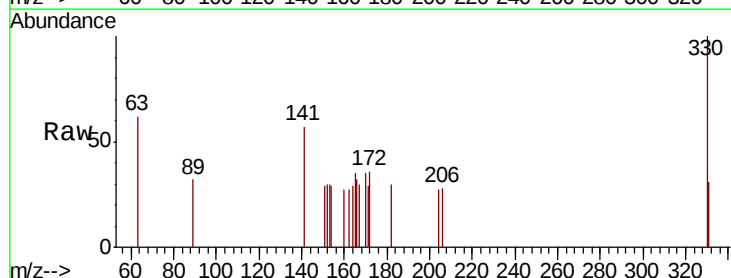
Tgt Ion:330 Resp: 276

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

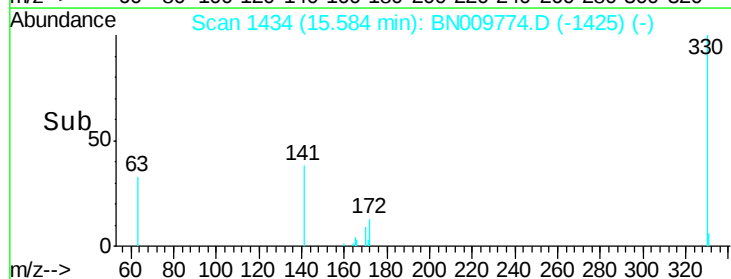
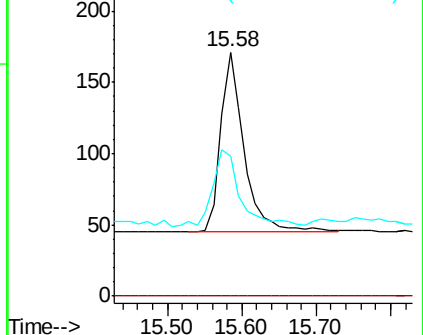
141 46.0 36.8 55.2



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

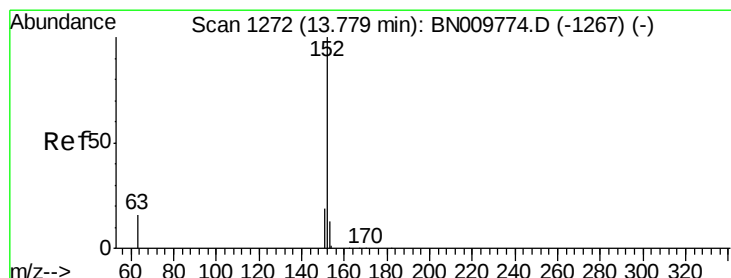
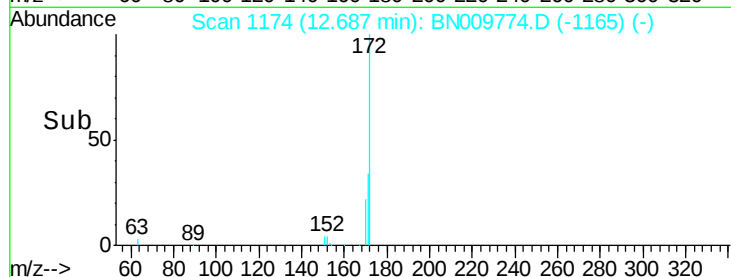
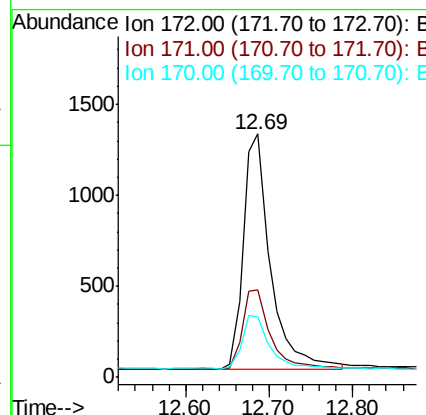
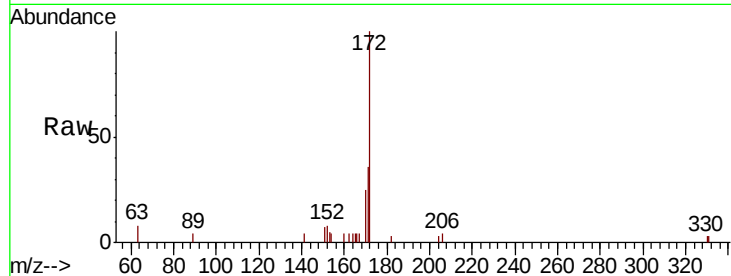




#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 12.69 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BN009774.D
Acq: 19 Feb 2020 12:20

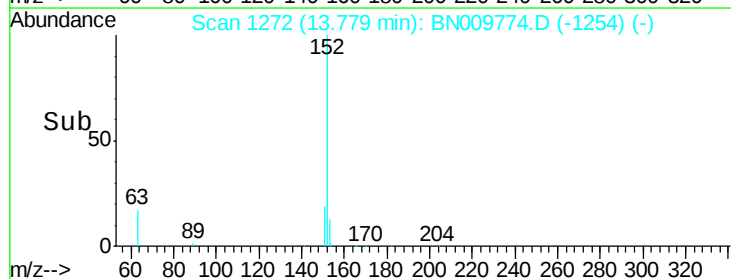
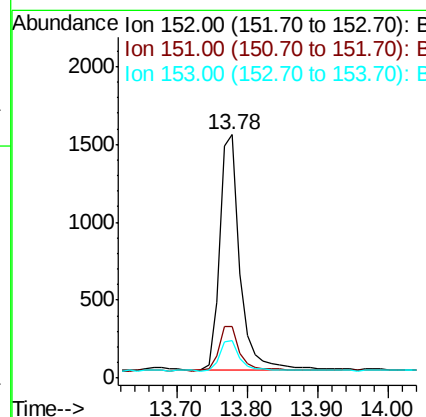
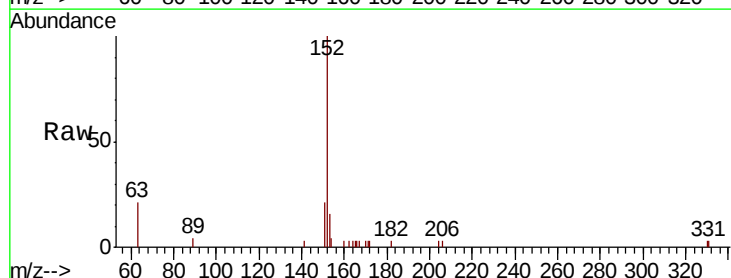
Instrument :
BNA_N
ClientSampleId :

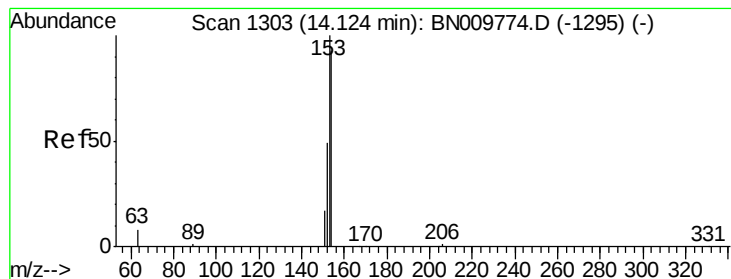
Tot Ion:172 Resp: 2905
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 25.1 20.1 30.1



#16
Acenaphthylene
Concen: 0.355 ng
RT: 13.78 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BN009774.D
Acq: 19 Feb 2020 12:20

Tgt Ion:152 Resp: 3068
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.7 10.2 15.4





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.12 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

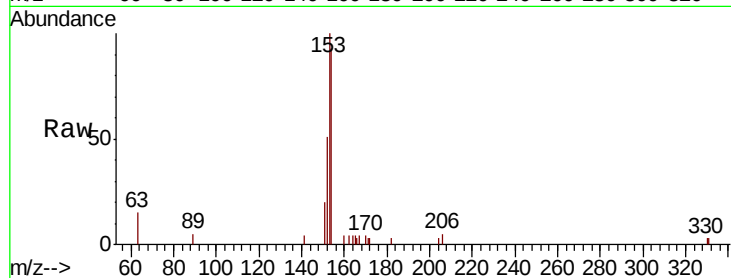
Tot Ion:154 Resp: 2304

Ion Ratio Lower Upper

154 100

153 111.9 88.9 133.3

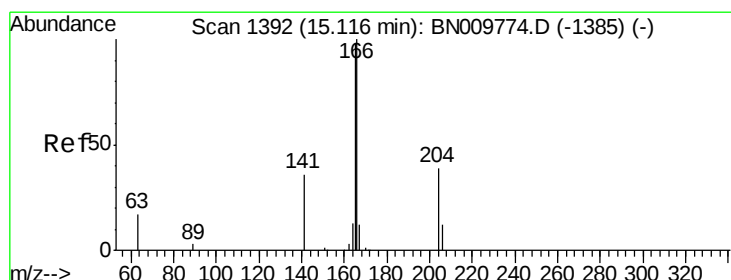
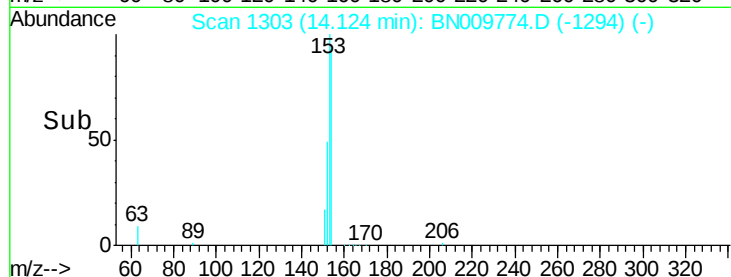
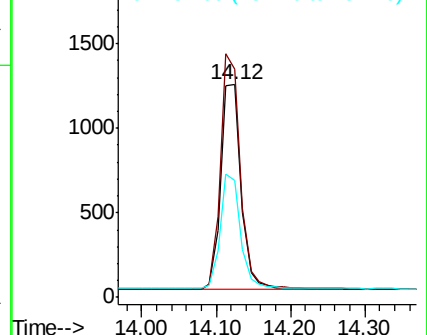
152 55.6 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.389 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

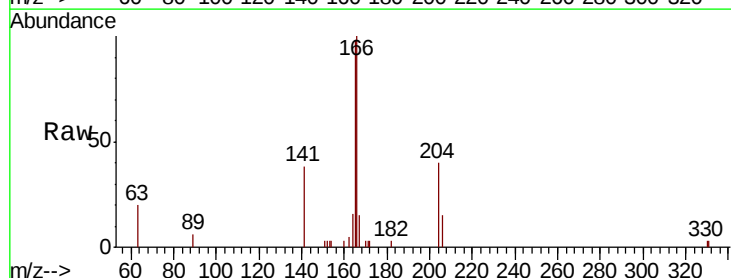
Tgt Ion:166 Resp: 3077

Ion Ratio Lower Upper

166 100

165 96.5 77.2 115.8

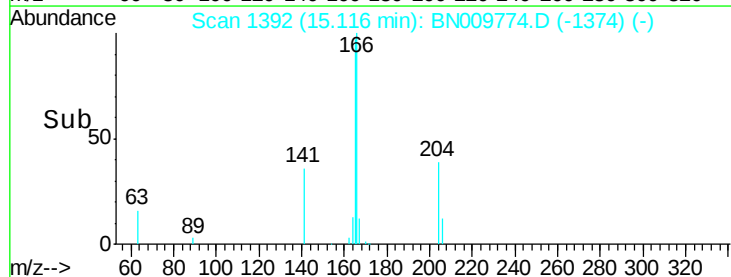
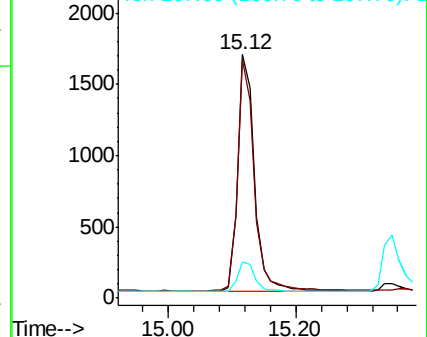
167 13.1 10.5 15.7



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: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

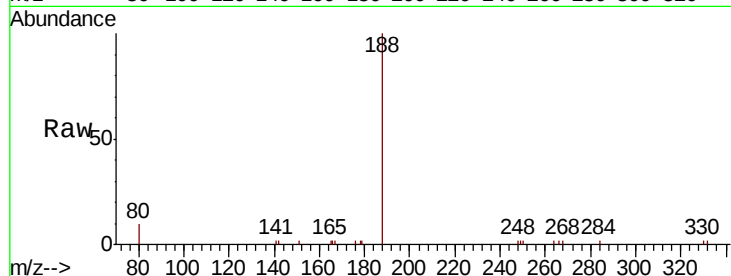
Tot Ion:188 Resp: 4647

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

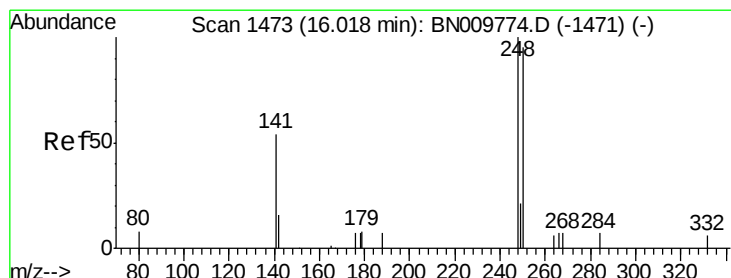
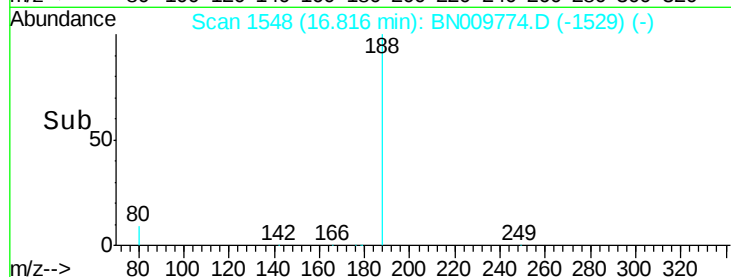
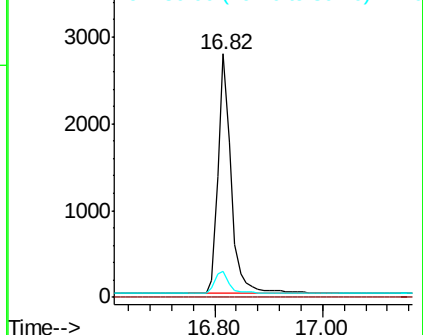
80 10.4 8.3 12.5



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: 0.439 ng

RT: 16.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

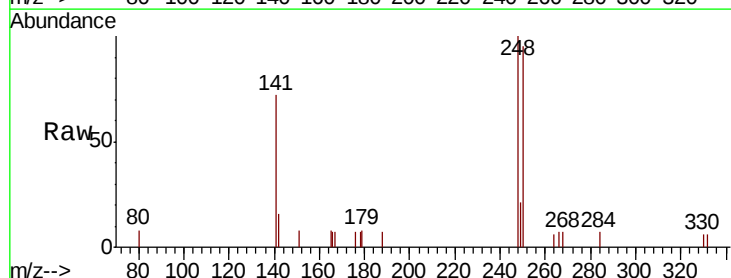
Tgt Ion:248 Resp: 1228

Ion Ratio Lower Upper

248 100

250 95.3 76.2 114.4

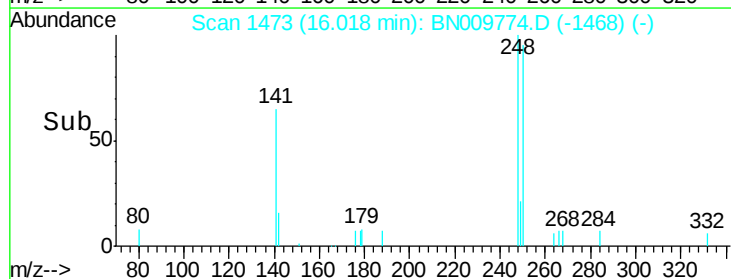
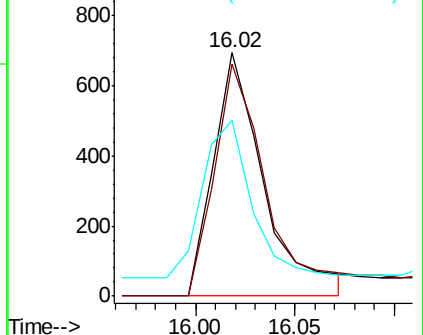
141 72.2 57.8 86.6

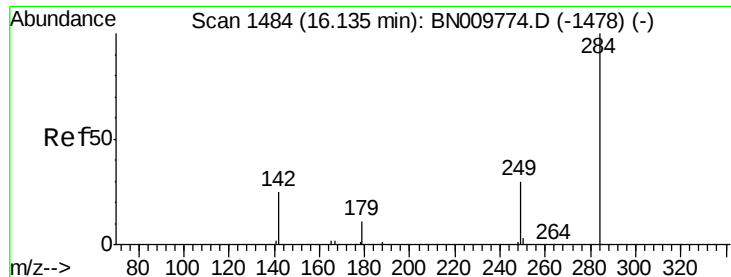


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.371 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampled :

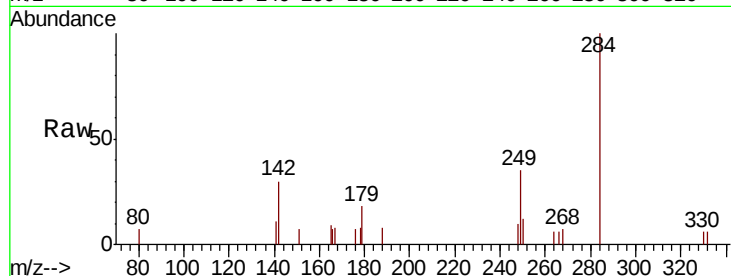
Tot Ion:284 Resp: 1104

Ion Ratio Lower Upper

284 100

142 41.6 33.3 49.9

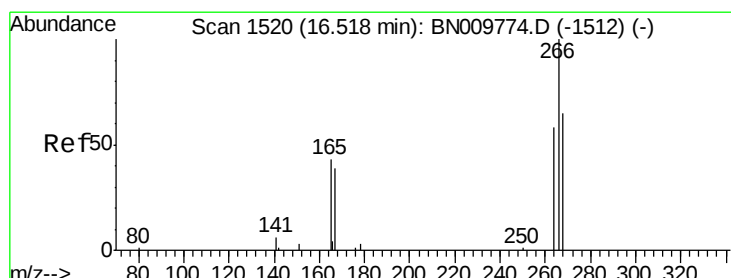
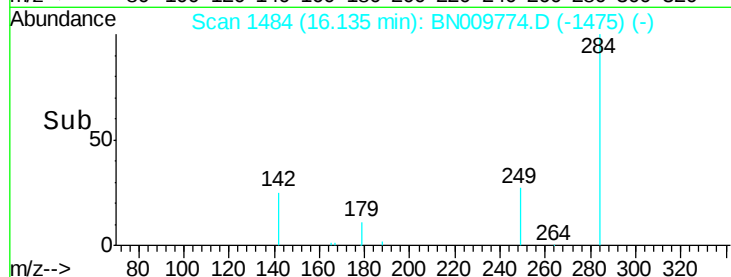
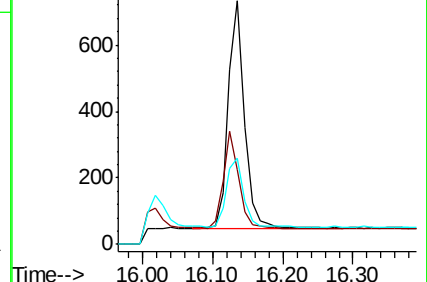
249 32.1 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.264 ng

RT: 16.52 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

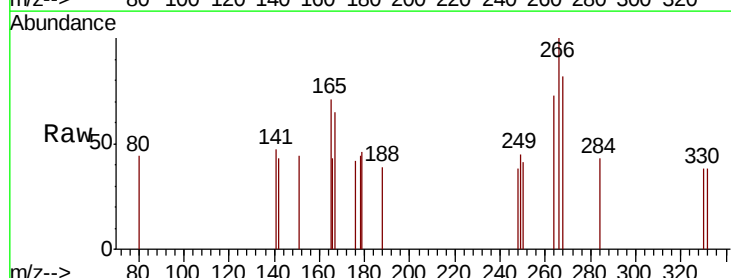
Tgt Ion:266 Resp: 221

Ion Ratio Lower Upper

266 100

264 72.6 58.1 87.1

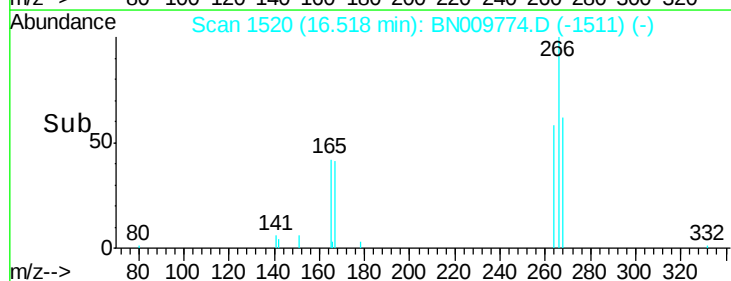
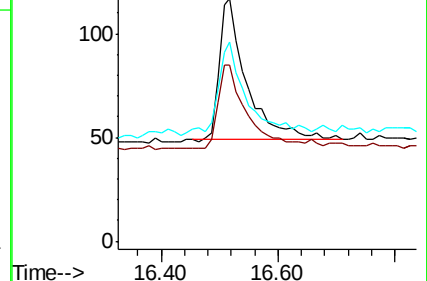
268 82.1 65.7 98.5

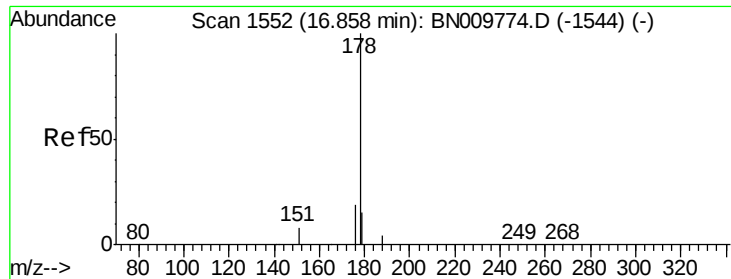


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.366 ng

RT: 16.86 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

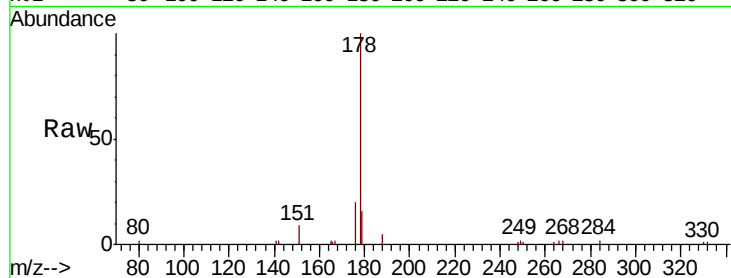
Tot Ion:178 Resp: 5114

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

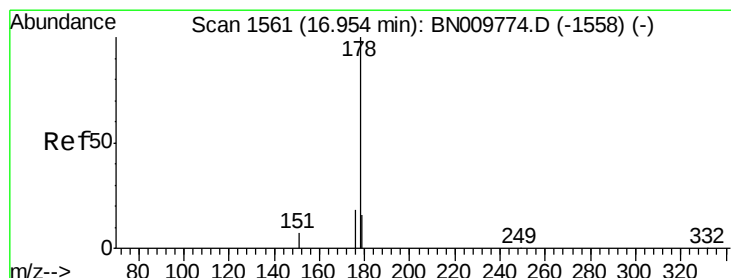
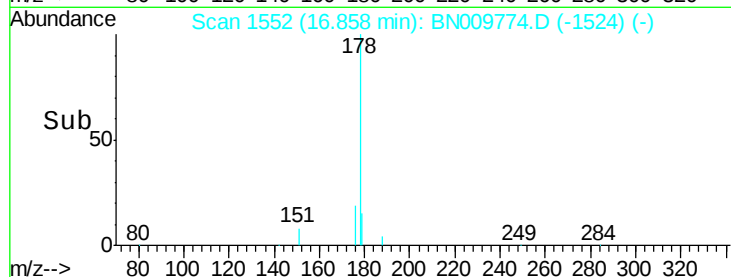
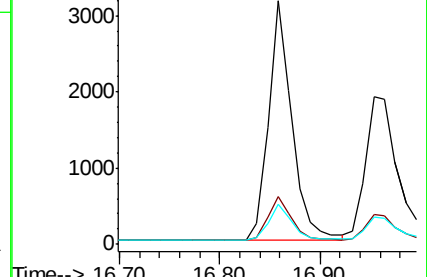
179 15.5 12.4 18.6



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



#24

Anthracene

Concen: 0.359 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

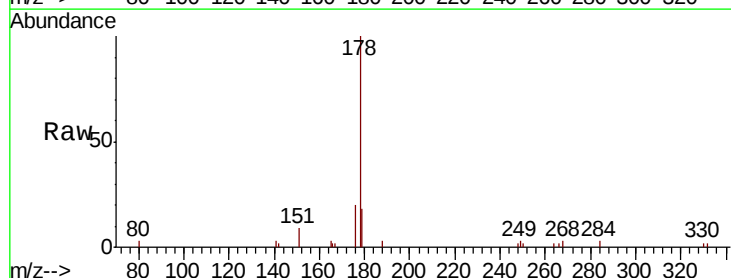
Tgt Ion:178 Resp: 4207

Ion Ratio Lower Upper

178 100

176 17.9 14.3 21.5

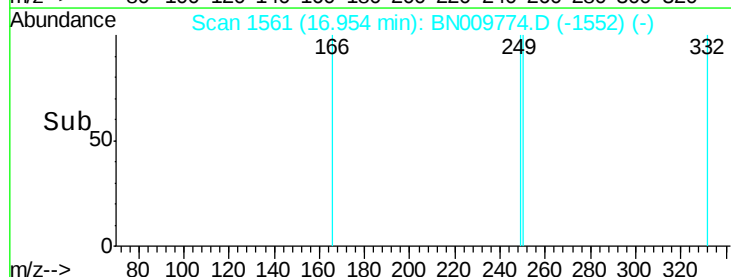
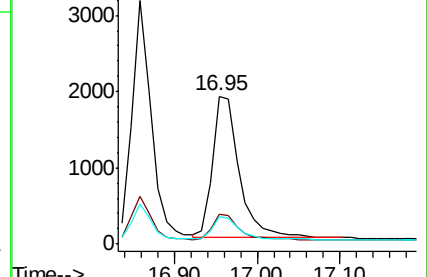
179 15.5 12.4 18.6

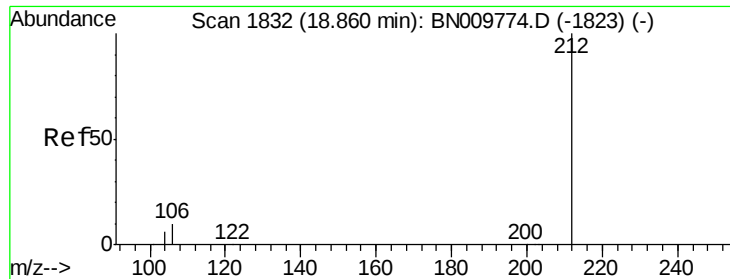


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 18.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

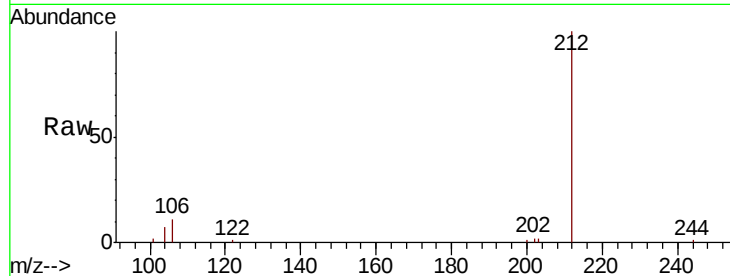
Tot Ion:212 Resp: 5997

Ion Ratio Lower Upper

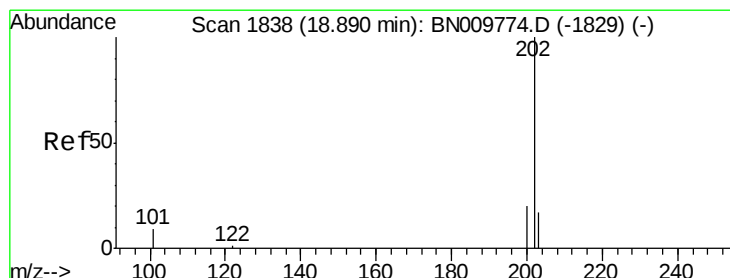
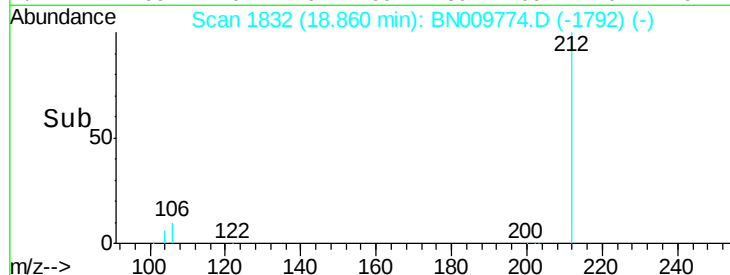
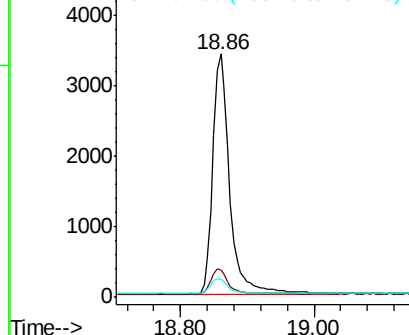
212 100

106 10.5 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: 0.375 ng

RT: 18.89 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

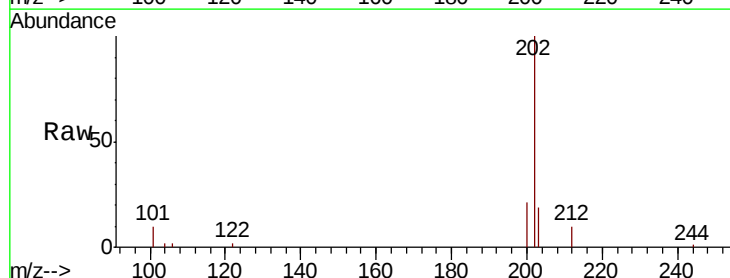
Tgt Ion:202 Resp: 6138

Ion Ratio Lower Upper

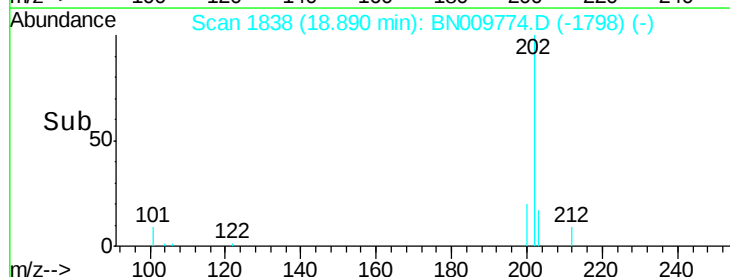
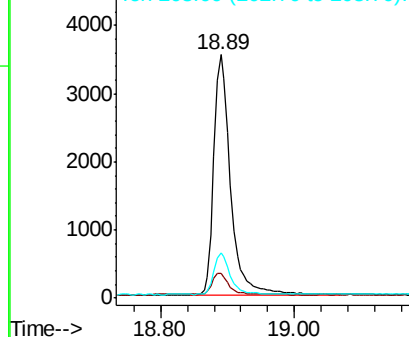
202 100

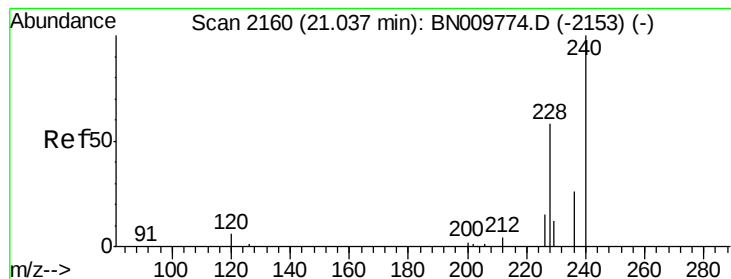
101 8.9 7.1 10.7

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: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

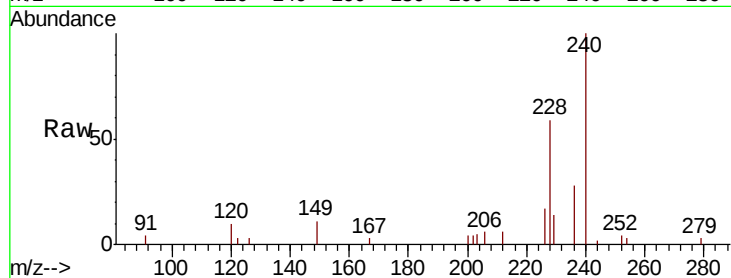
Tot Ion:240 Resp: 4190

Ion Ratio Lower Upper

240 100

120 9.9 7.9 11.9

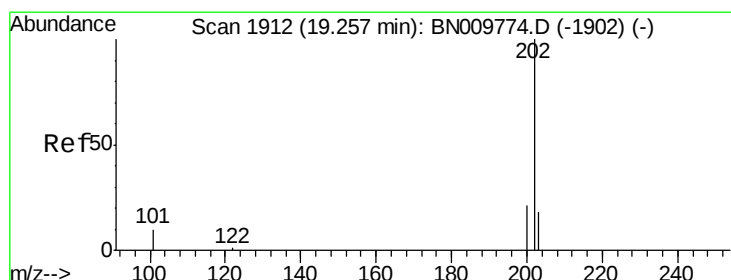
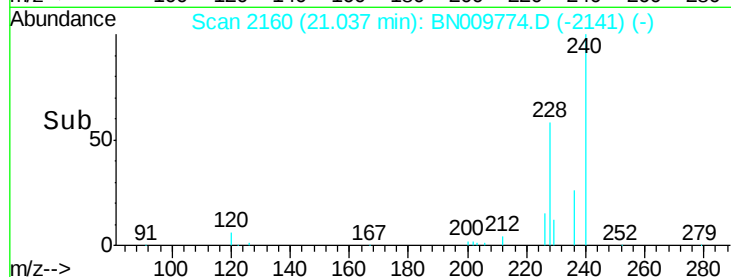
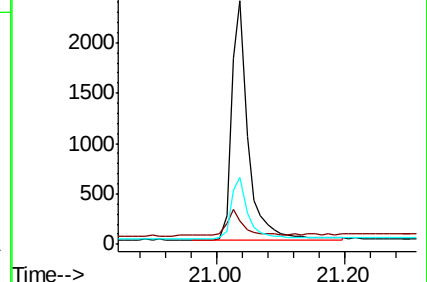
236 27.5 22.0 33.0



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: 0.389 ng

RT: 19.26 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

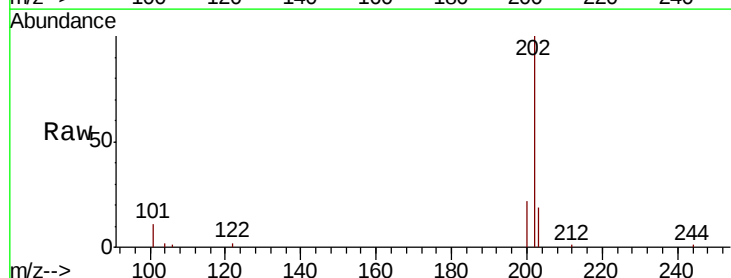
Tgt Ion:202 Resp: 6172

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

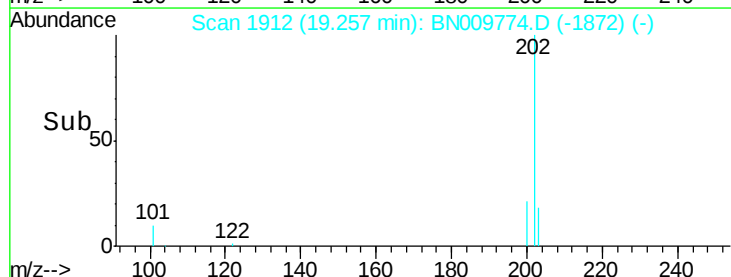
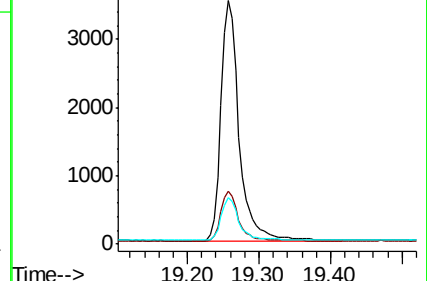
203 17.4 13.9 20.9

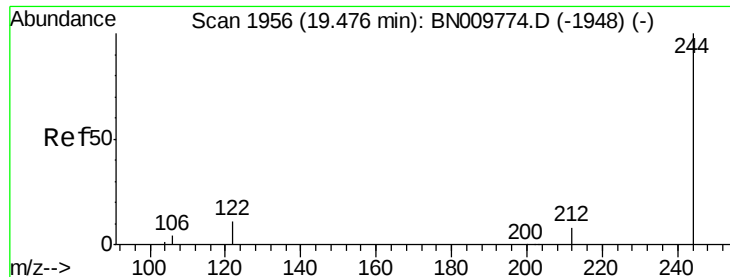


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.48 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

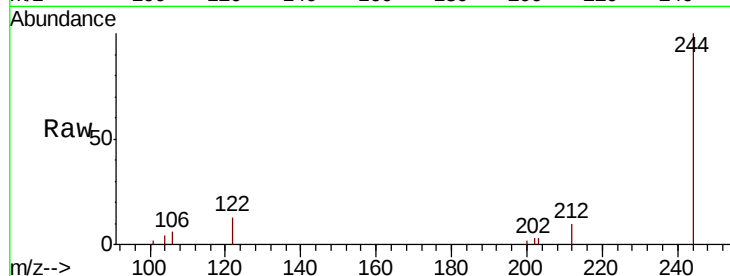
Tot Ion:244 Resp: 3907

Ion Ratio Lower Upper

244 100

212 10.0 8.0 12.0

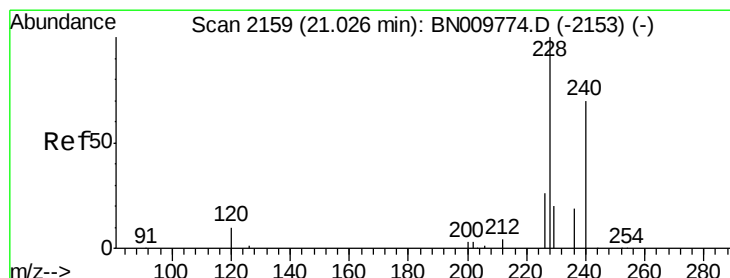
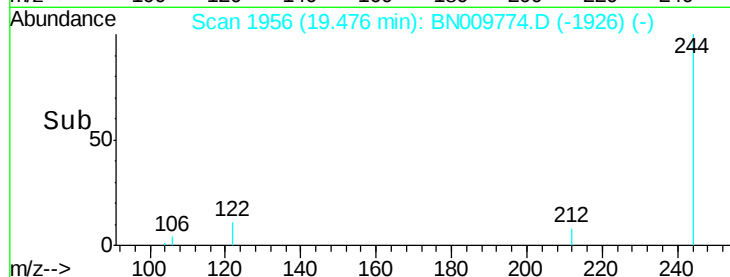
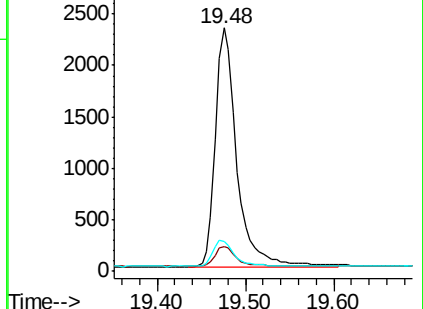
122 12.5 10.0 15.0



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: 0.359 ng

RT: 21.03 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

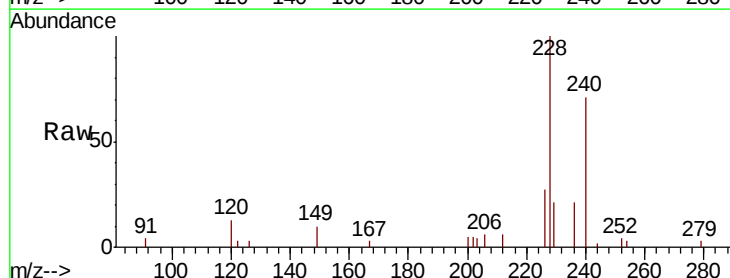
Tgt Ion:228 Resp: 4940

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

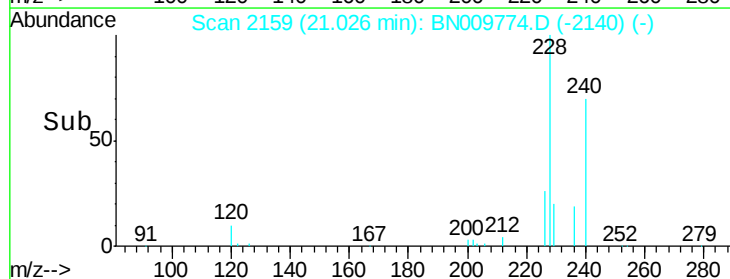
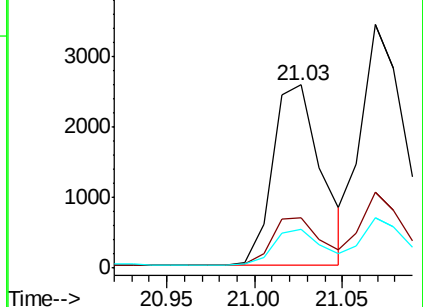
229 21.4 17.1 25.7

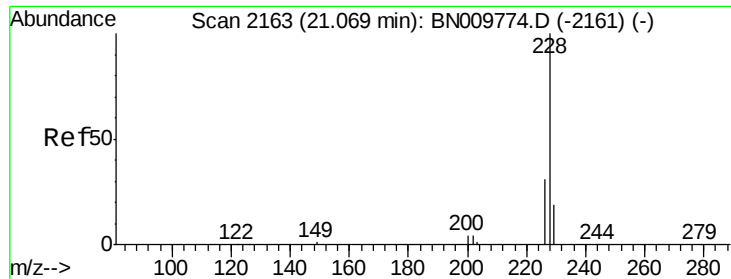


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.398 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

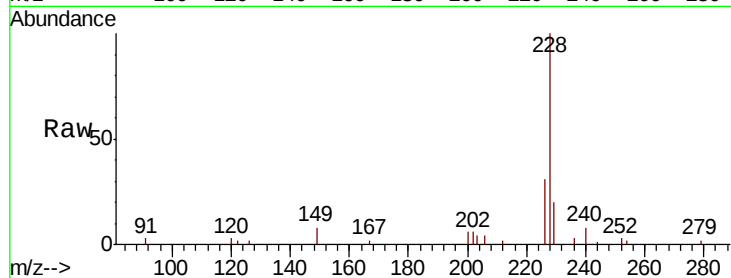
Tot Ion:228 Resp: 6273

Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

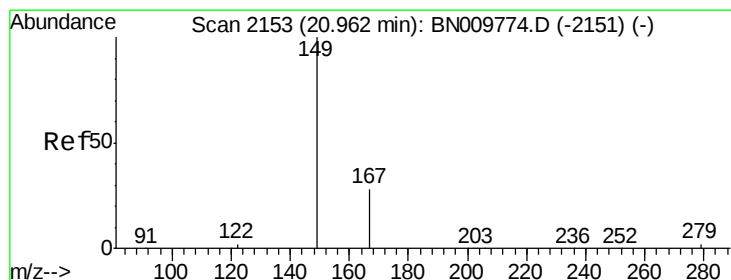
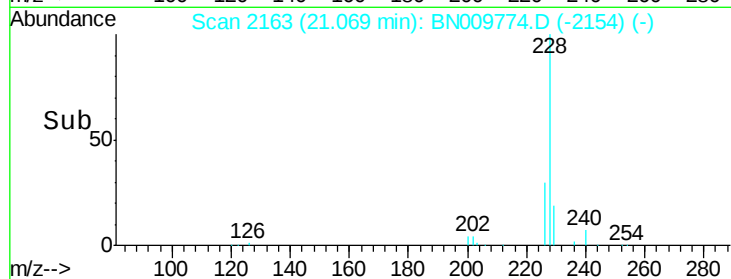
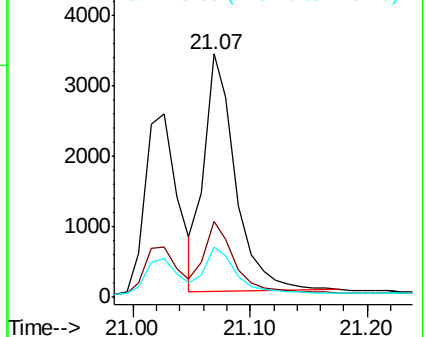
229 20.5 16.4 24.6



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: 0.401 ng

RT: 20.96 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

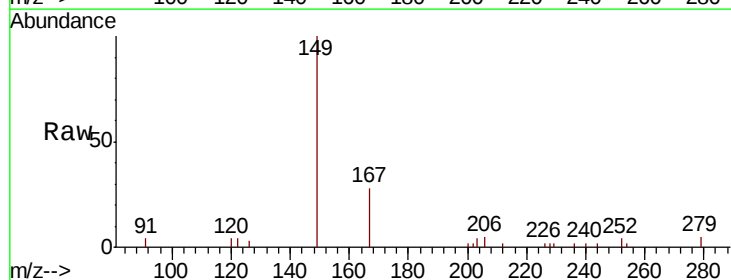
Tgt Ion:149 Resp: 2440

Ion Ratio Lower Upper

149 100

167 27.9 22.7 34.1

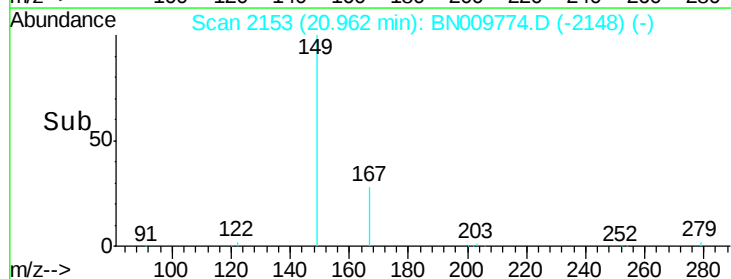
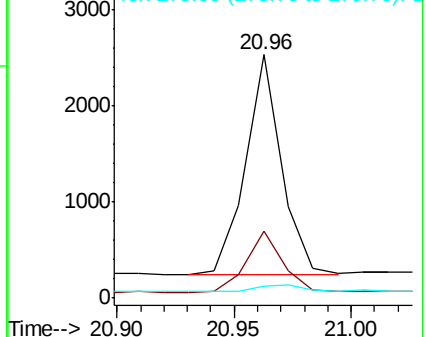
279 3.9 3.1 4.7

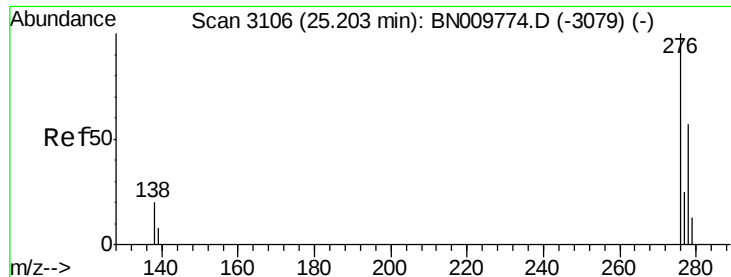


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

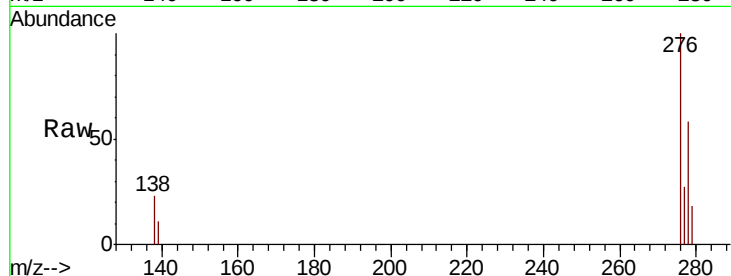




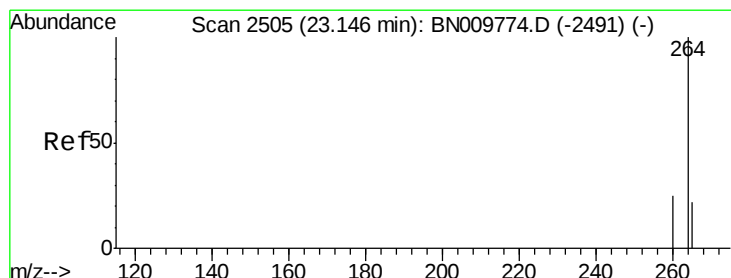
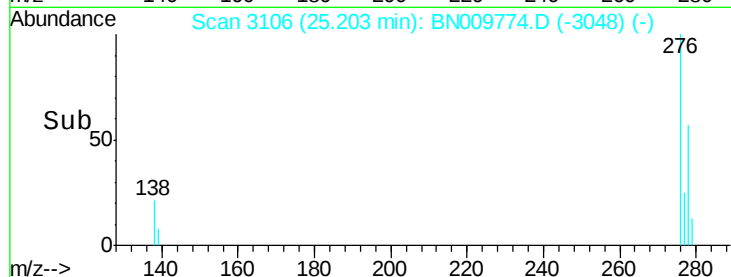
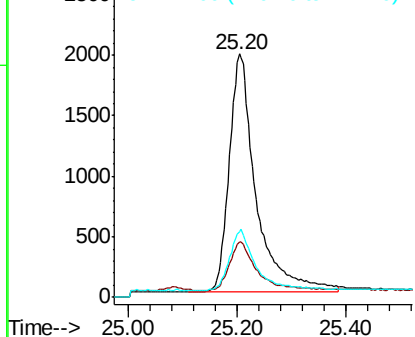
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 25.20 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BN009774.D
Acq: 19 Feb 2020 12:20

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 6690
Ion Ratio Lower Upper
276 100
138 19.9 15.8 23.6
277 24.3 19.3 28.9

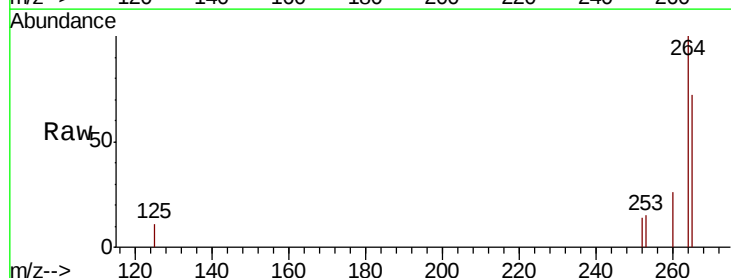


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

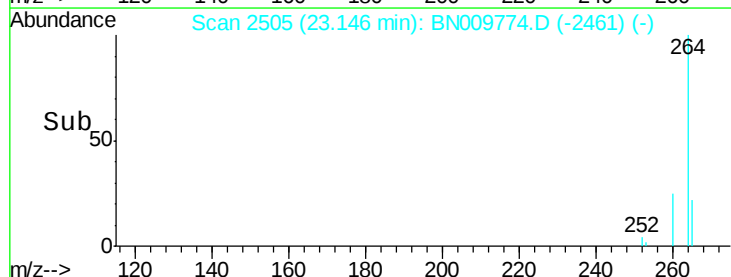
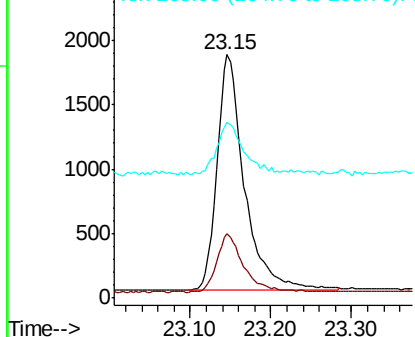


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BN009774.D
Acq: 19 Feb 2020 12:20

Tgt Ion:264 Resp: 4314
Ion Ratio Lower Upper
264 100
260 26.4 21.1 31.7
265 71.9 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

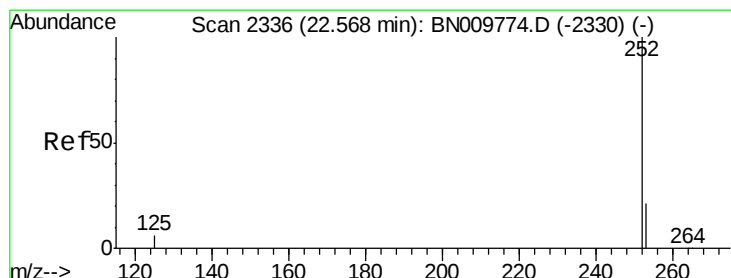
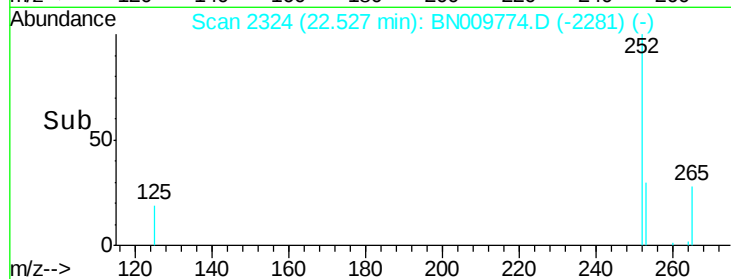
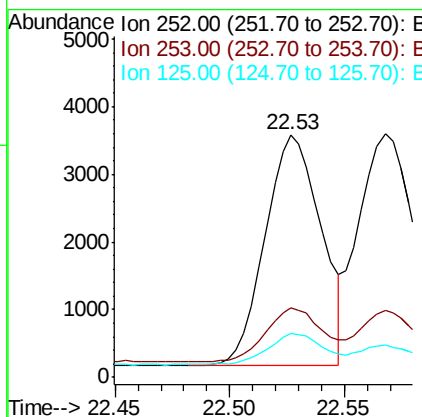
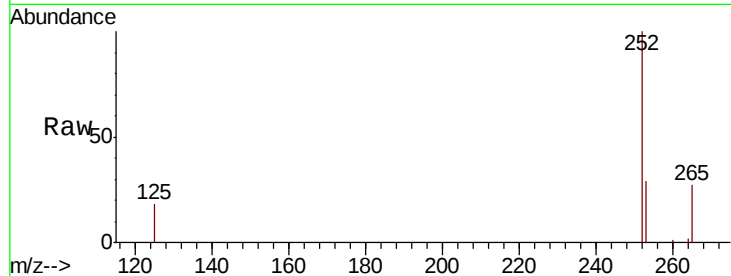




#35
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 22.53 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BN009774.D
Acq: 19 Feb 2020 12:20

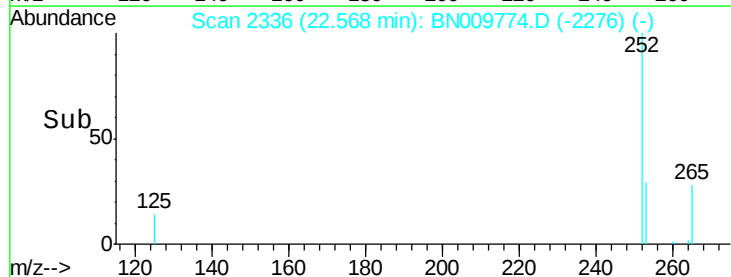
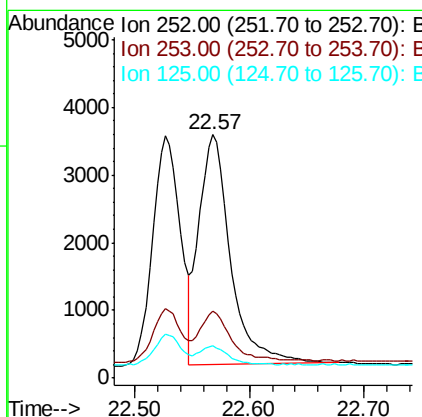
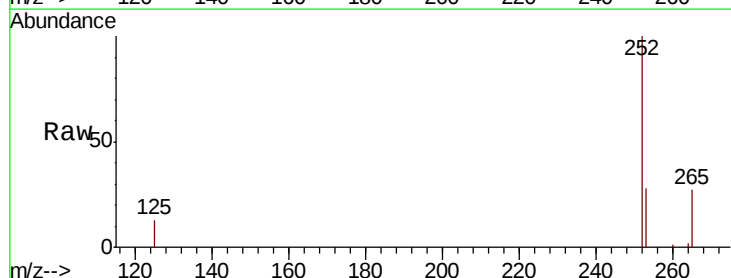
Instrument :
BNA_N
ClientSampleId :

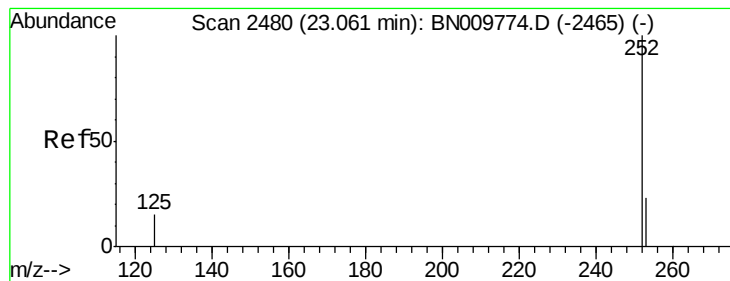
Tot Ion:252 Resp: 5769
Ion Ratio Lower Upper
252 100
253 28.8 23.0 34.6
125 18.0 14.4 21.6



#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 22.57 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BN009774.D
Acq: 19 Feb 2020 12:20

Tgt Ion:252 Resp: 6528
Ion Ratio Lower Upper
252 100
253 27.7 22.2 33.2
125 13.1 10.5 15.7





#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.06 min Scan# 2480

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :

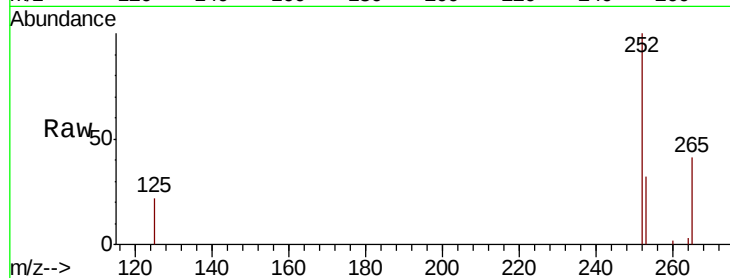
Tot Ion:252 Resp: 5599

Ion Ratio Lower Upper

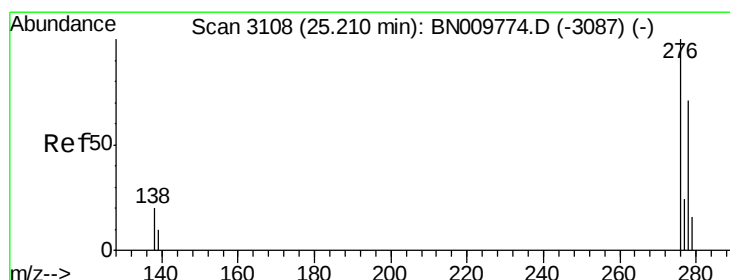
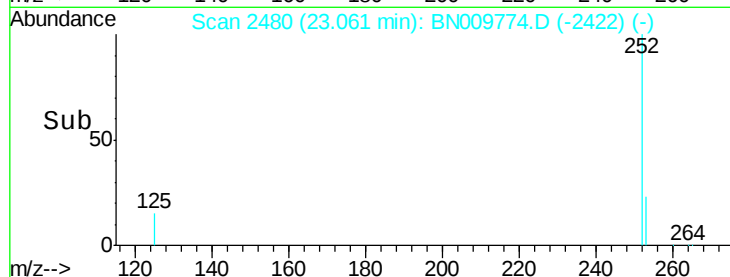
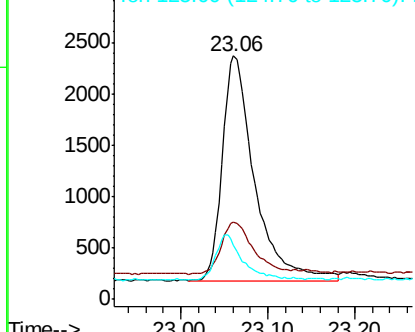
252 100

253 31.6 25.3 37.9

125 22.1 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: 0.379 ng

RT: 25.21 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

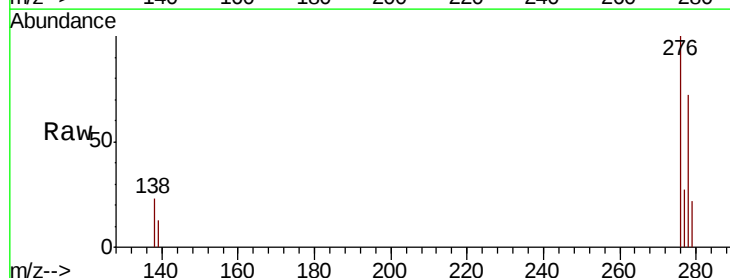
Tgt Ion:278 Resp: 5323

Ion Ratio Lower Upper

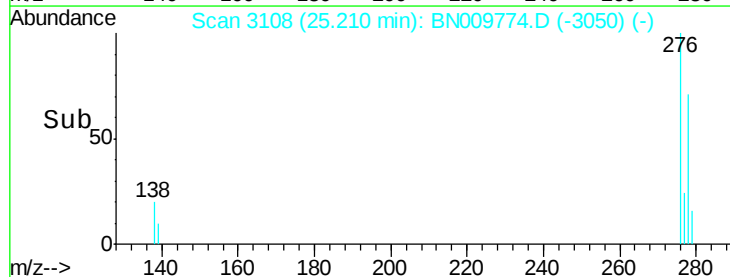
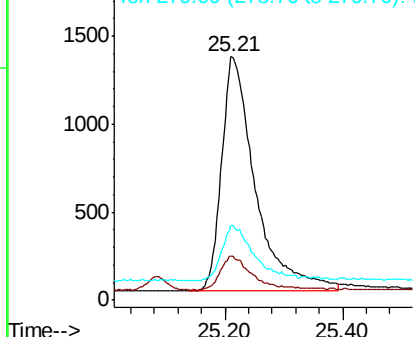
278 100

139 18.1 14.5 21.7

279 30.4 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: 0.368 ng

RT: 25.83 min Scan# 3289

Delta R.T. 0.00 min

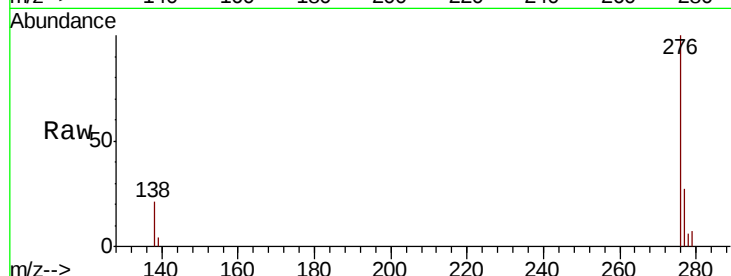
Lab File: BN009774.D

Acq: 19 Feb 2020 12:20

Instrument :

BNA_N

ClientSampleId :



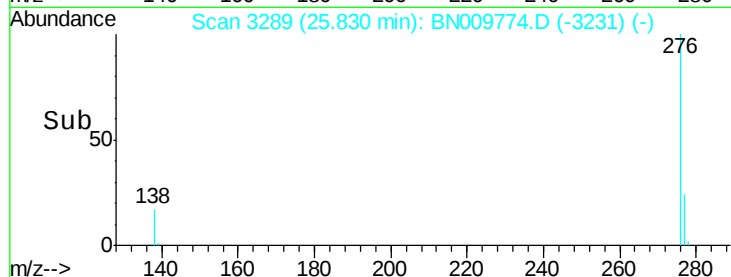
Tot Ion: 276 Resp: 5696

Ion Ratio Lower Upper

276 100

277 26.7 21.4 32.0

138 20.7 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

