

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
 Data File : BN011397.D
 Acq On : 07 Aug 2020 14:38
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 07 15:10:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 12:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	1027	0.40	ng	-0.02
7) Naphthalene-d8	10.20	136	3674	0.40	ng	-0.01
13) Acenaphthene-d10	14.08	164	1968	0.40	ng	-0.01
19) Phenanthrene-d10	16.85	188	4824	0.40	ng	0.00
29) Chrysene-d12	21.06	240	4576	0.40	ng	-0.01
36) Perylene-d12	23.18	264	4330	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	923	0.34	ng	-0.02
5) Phenol-d6	6.66	99	1017	0.31	ng	0.00
8) Nitrobenzene-d5	8.60	82	863	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	11.80	152	2108	0.31	ng	-0.01
14) 2,4,6-Tribromophenol	15.60	330	290	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.69	172	3035	0.36	ng	-0.01
27) Fluoranthene-d10	18.88	212	4645	0.32	ng	0.00
31) Terphenyl-d14	19.50	244	3914	0.28	ng	-0.01

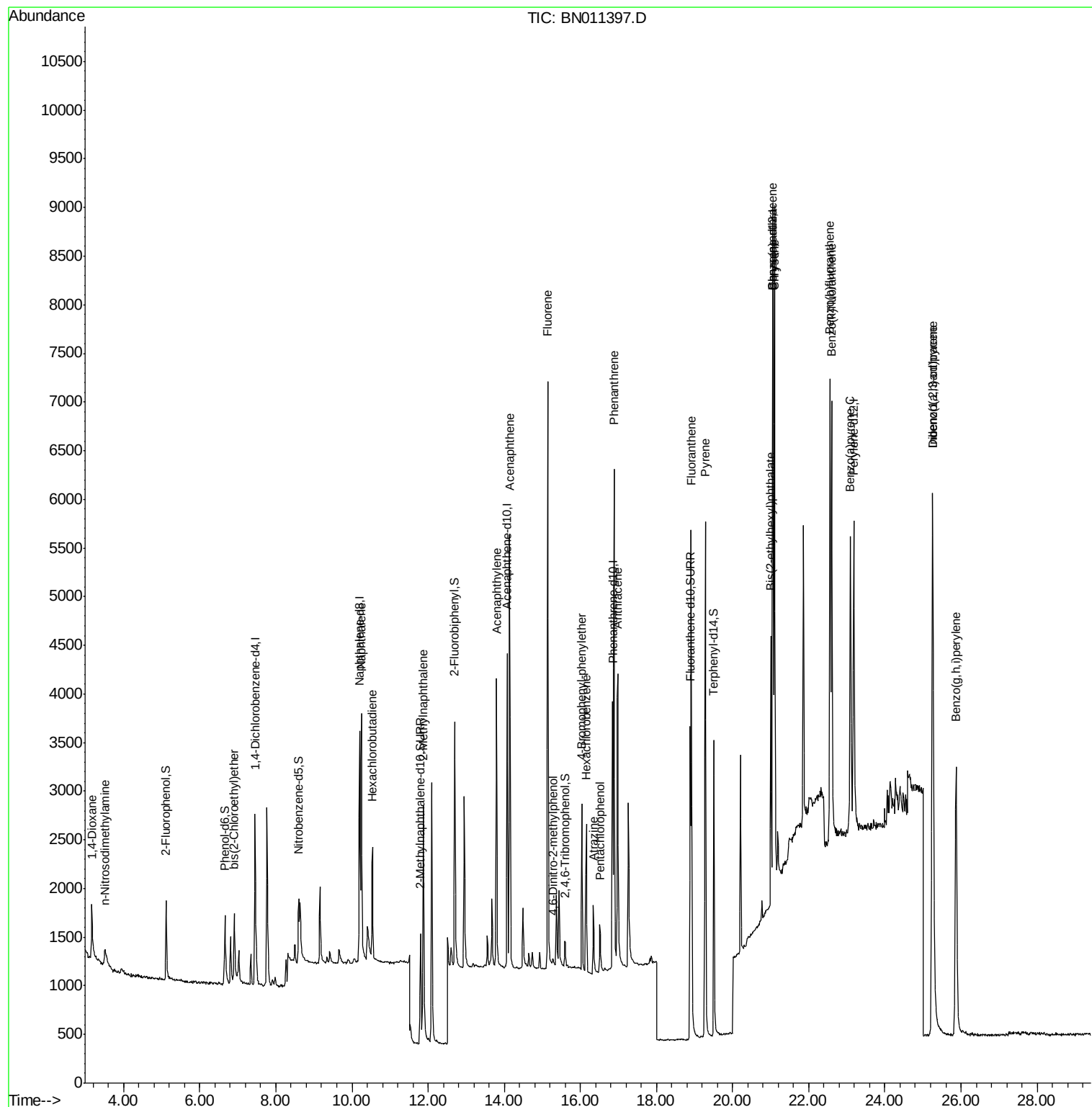
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	550	0.380	ng	97
3) n-Nitrosodimethylamine	3.50	42	208	0.281	ng	# 93
6) bis(2-Chloroethyl)ether	6.91	93	832	0.305	ng	95
9) Naphthalene	10.25	128	3756	0.345	ng	99
10) Hexachlorobutadiene	10.54	225	996	0.377	ng	# 98
12) 2-Methylnaphthalene	11.87	142	2306	0.298	ng	97
16) Acenaphthylene	13.80	152	3641	0.359	ng	99
17) Acenaphthene	14.14	154	2299	0.348	ng	99
18) Fluorene	15.14	166	2921	0.345	ng	97
20) 4,6-Dinitro-2-methylphenol	15.28	198	135	0.327	ng	# 81
21) 4-Bromophenyl-phenylether	16.04	248	842	0.263	ng	98
22) Hexachlorobenzene	16.15	284	1153	0.318	ng	94
23) Atrazine	16.34	200	707	0.284	ng	# 92
24) Pentachlorophenol	16.51	266	326	0.290	ng	94
25) Phenanthrene	16.88	178	5669	0.361	ng	100
26) Anthracene	16.98	178	4494	0.344	ng	98
28) Fluoranthene	18.92	202	5577	0.312	ng	98
30) Pyrene	19.28	202	5551	0.269	ng	100
32) Benzo(a)anthracene	21.05	228	5767	0.376	ng	99
33) Chrysene	21.10	228	6322	0.368	ng	99
34) Bis(2-ethylhexyl)phthalate	21.00	149	2252	0.274	ng	# 99
35) Indeno(1,2,3-cd)pyrene	25.25	276	7654	0.456	ng	99
37) Benzo(b)fluoranthene	22.56	252	5925	0.343	ng	98
38) Benzo(k)fluoranthene	22.60	252	6347	0.334	ng	96
39) Benzo(a)pyrene	23.09	252	5234	0.349	ng	99
40) Dibenzo(a,h)anthracene	25.26	278	6254	0.403	ng	98
41) Benzo(g,h,i)perylene	25.87	276	6317	0.368	ng	98

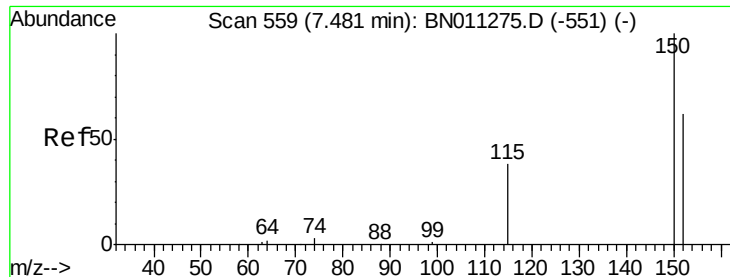
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
Data File : BN011397.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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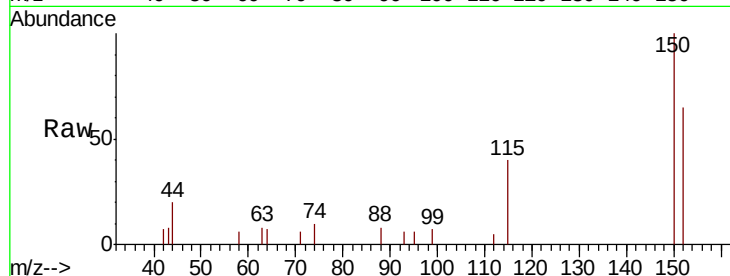


#1

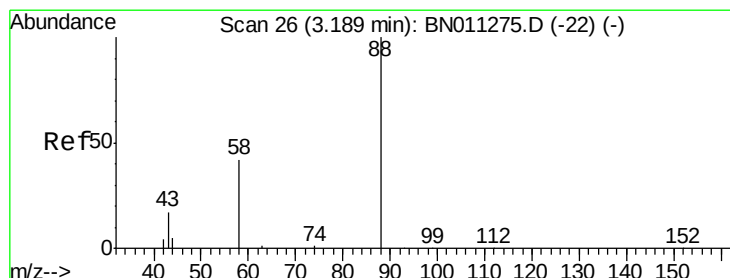
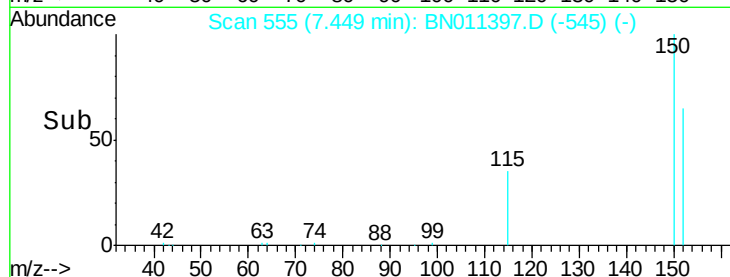
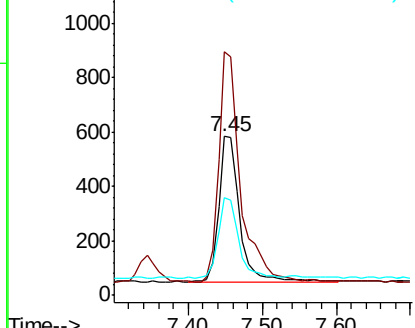
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.45 min Scan# 555
Delta R.T. -0.02 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1027
Ion Ratio Lower Upper
152 100
150 153.3 126.5 189.7
115 61.6 51.9 77.9



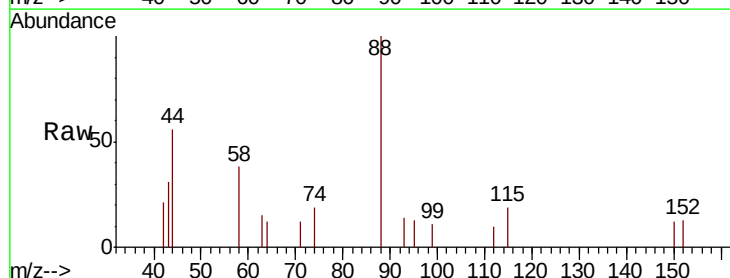
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



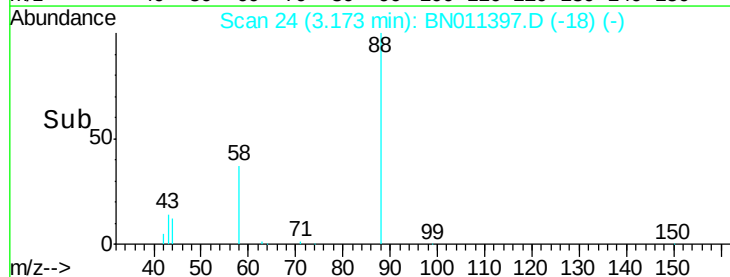
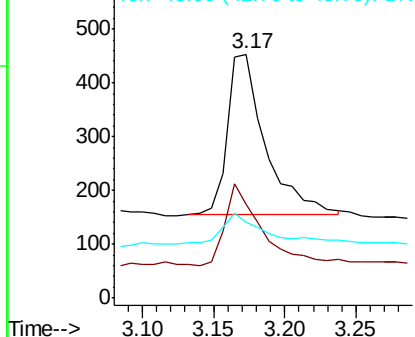
#2

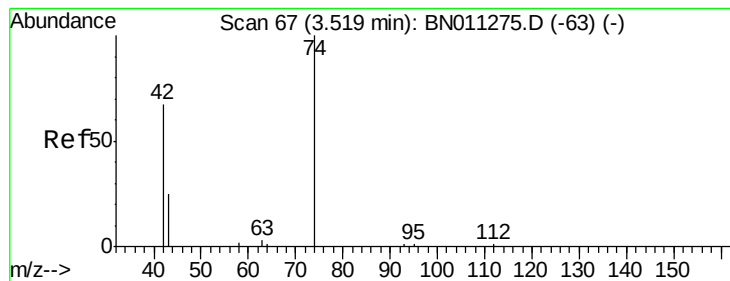
1,4-Dioxane
Concen: 0.380 ng
RT: 3.17 min Scan# 24
Delta R.T. -0.00 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion: 88 Resp: 550
Ion Ratio Lower Upper
88 100
58 47.8 36.5 54.7
43 19.5 16.1 24.1



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: 0.281 ng

RT: 3.50 min Scan# 65

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

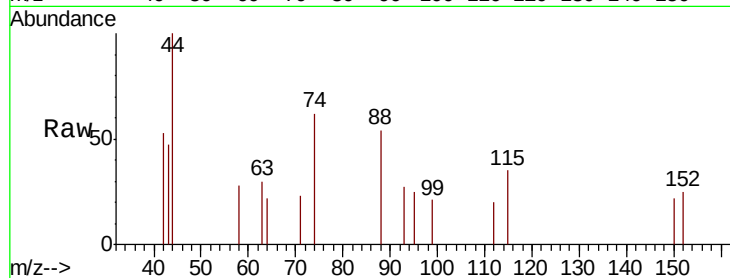
Tot Ion: 42 Resp: 208

Ion Ratio Lower Upper

42 100

74 187.0 144.2 216.2

44 0.0 11.1 16.7#

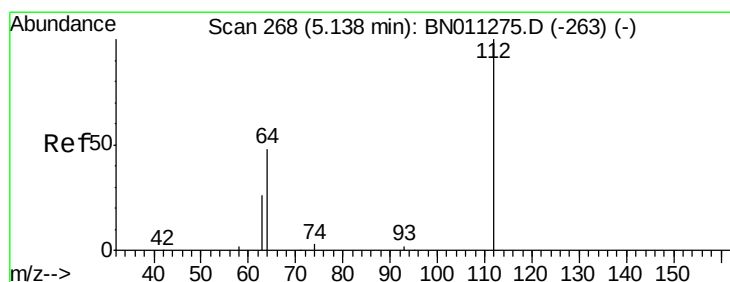
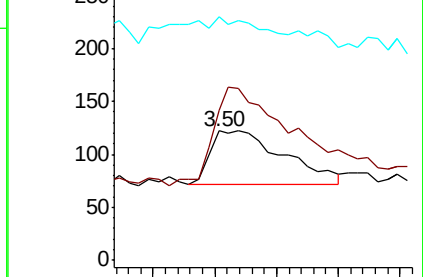
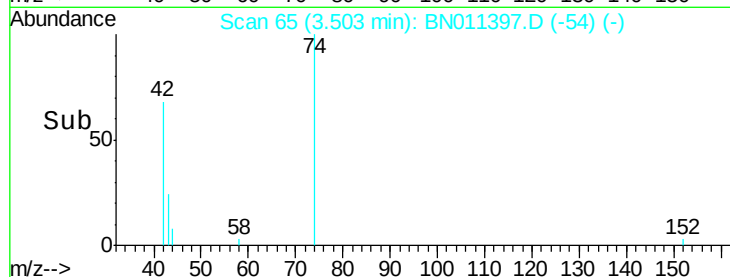


Abundance Ion 42.00 (41.70 to 42.70): BN011275.D (-63) (-)

Ion 74.00 (73.70 to 74.70): BN011275.D (-63) (-)

Ion 44.00 (43.70 to 44.70): BN011275.D (-63) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.342 ng

RT: 5.11 min Scan# 265

Delta R.T. -0.02 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

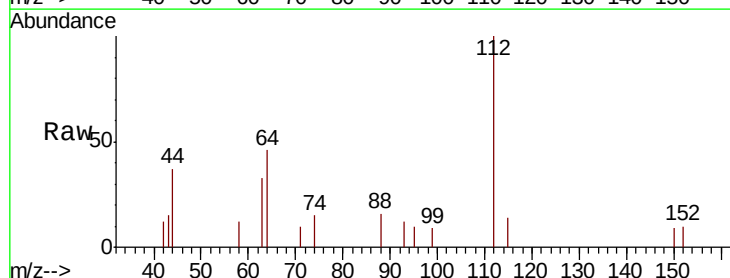
Tgt Ion: 112 Resp: 923

Ion Ratio Lower Upper

112 100

64 41.0 35.8 53.6

63 26.8 19.3 28.9

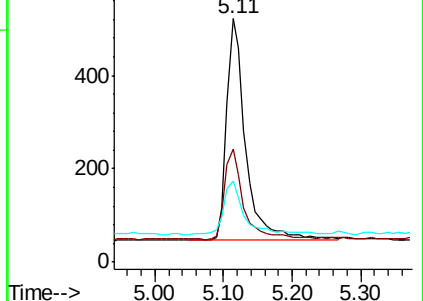
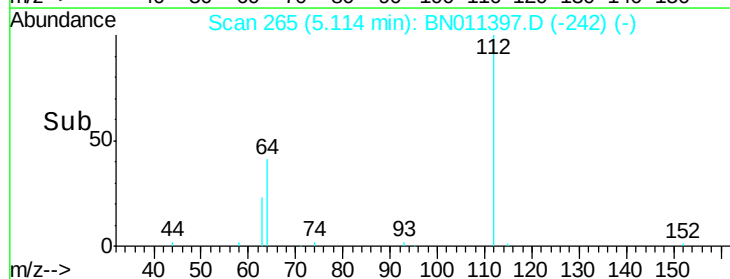


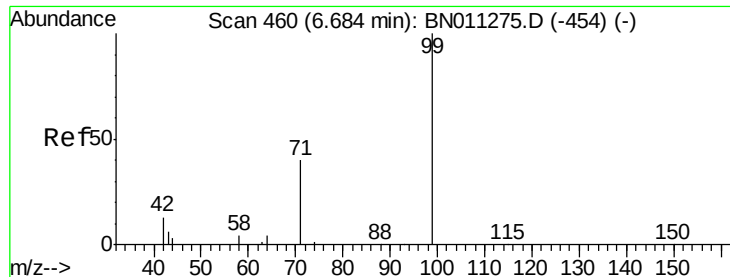
Abundance Ion 112.00 (111.70 to 112.70): BN011275.D (-263) (-)

Ion 64.00 (63.70 to 64.70): BN011275.D (-263) (-)

Ion 63.00 (62.70 to 63.70): BN011275.D (-263) (-)

Time-->





#5

Phenol-d6

Concen: 0.310 ng

RT: 6.66 min Scan# 457

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

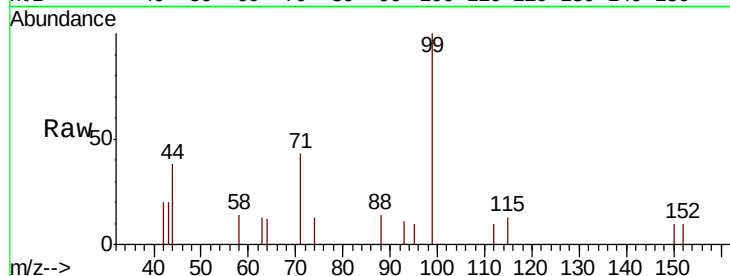
Tot Ion: 99 Resp: 1017

Ion Ratio Lower Upper

99 100

42 13.2 11.2 16.8

71 36.2 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BN011397.D (-457) (-)

Ion 42.00 (41.70 to 42.70): BN011397.D (-457) (-)

Ion 71.00 (70.70 to 71.70): BN011397.D (-457) (-)

6.66

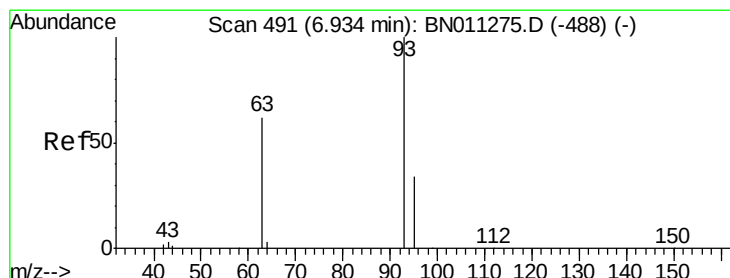
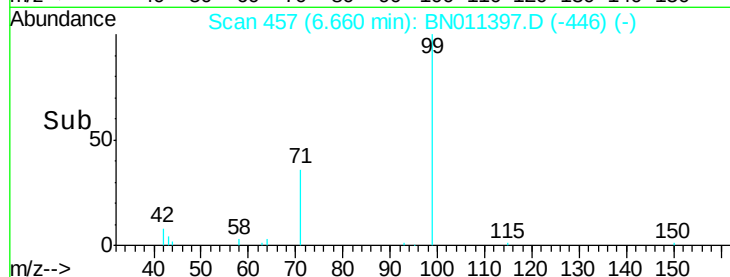
400

200

0

6.50 6.60 6.70 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.305 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

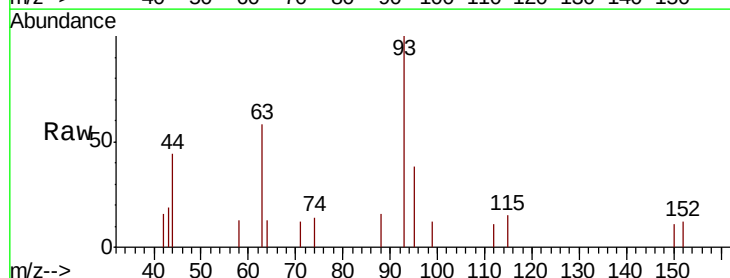
Tgt Ion: 93 Resp: 832

Ion Ratio Lower Upper

93 100

63 55.8 47.8 71.6

95 31.9 27.1 40.7



Abundance Ion 93.00 (92.70 to 93.70): BN011397.D (-484) (-)

Ion 63.00 (62.70 to 63.70): BN011397.D (-484) (-)

Ion 95.00 (94.70 to 95.70): BN011397.D (-484) (-)

6.91

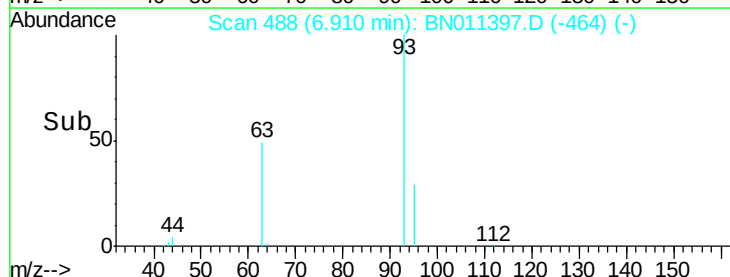
400

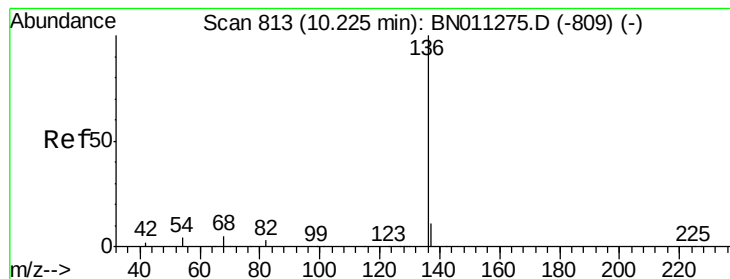
200

0

6.80 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.20 min Scan# 811

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3674

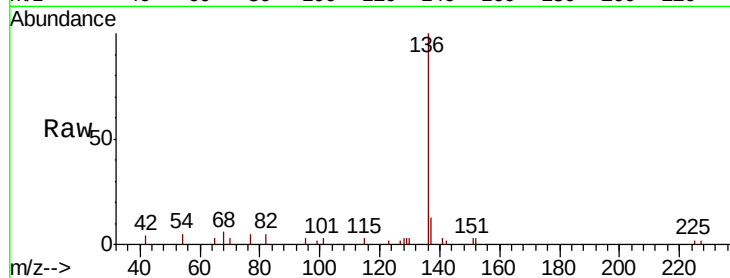
Ion Ratio Lower Upper

136 100

137 12.8 9.9 14.9

54 5.3 4.8 7.2

68 6.0 4.9 7.3

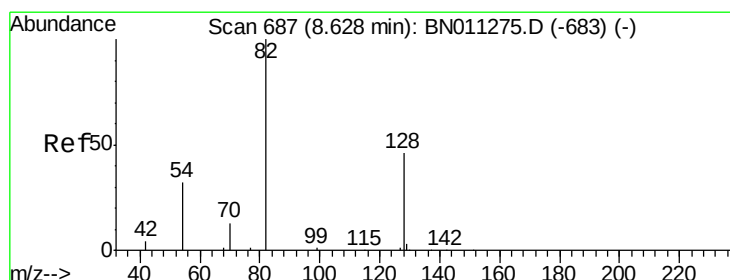
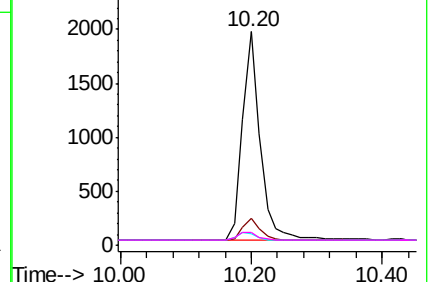
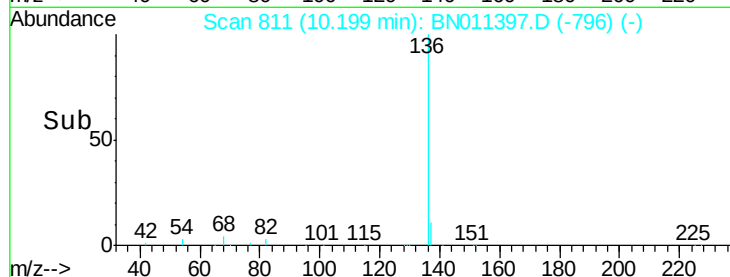


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.263 ng

RT: 8.60 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

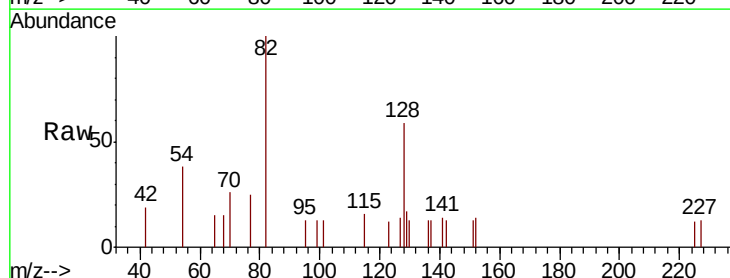
Tgt Ion: 82 Resp: 863

Ion Ratio Lower Upper

82 100

128 58.6 40.1 60.1

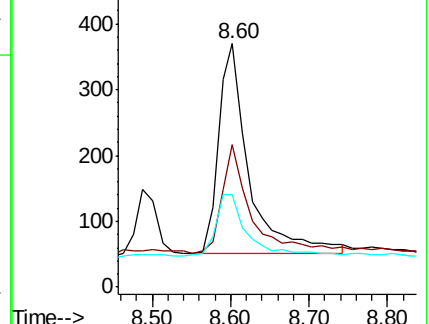
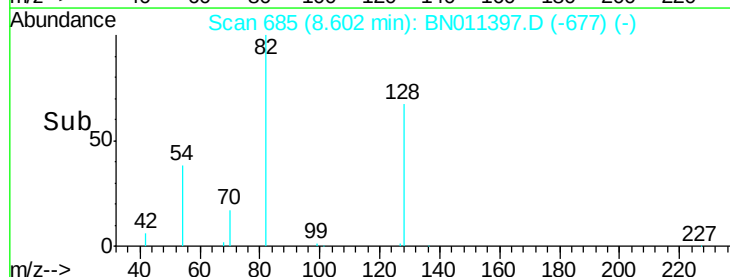
54 37.8 29.0 43.6

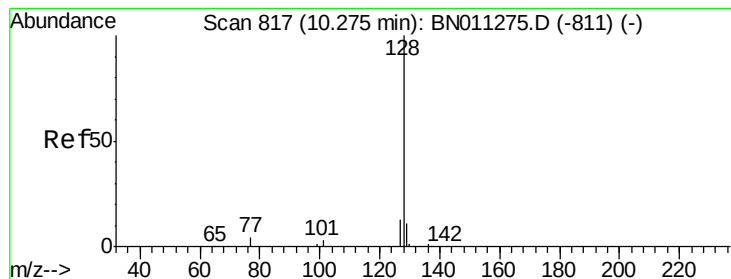


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.345 ng

RT: 10.25 min Scan# 815

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

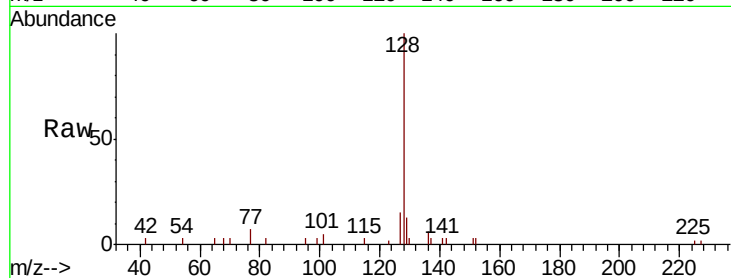
Tot Ion:128 Resp: 3756

Ion Ratio Lower Upper

128 100

129 12.9 9.7 14.5

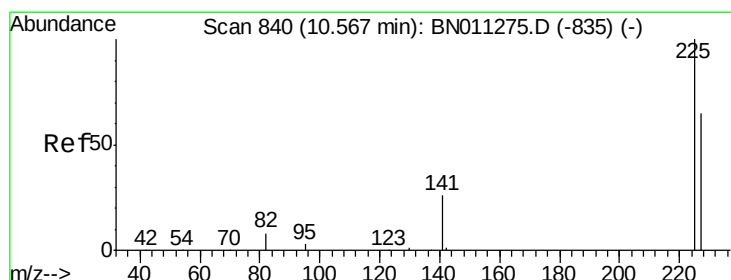
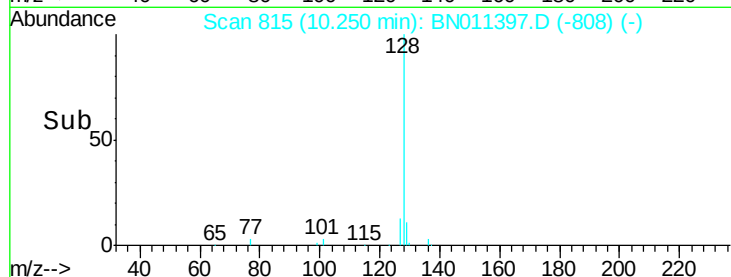
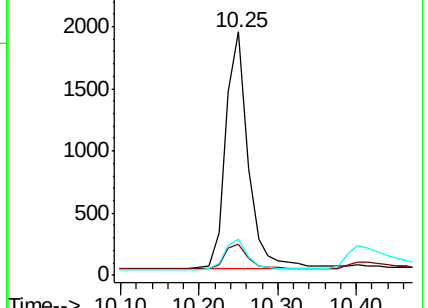
127 14.8 11.5 17.3



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: 0.377 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

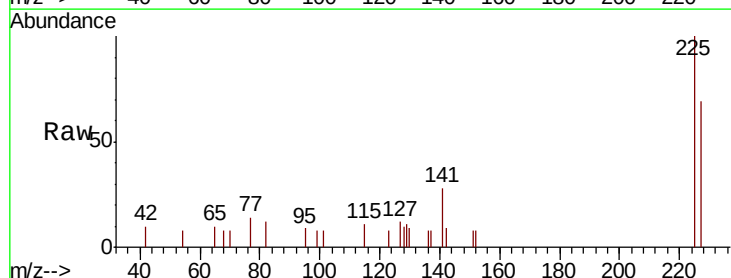
Tgt Ion:225 Resp: 996

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

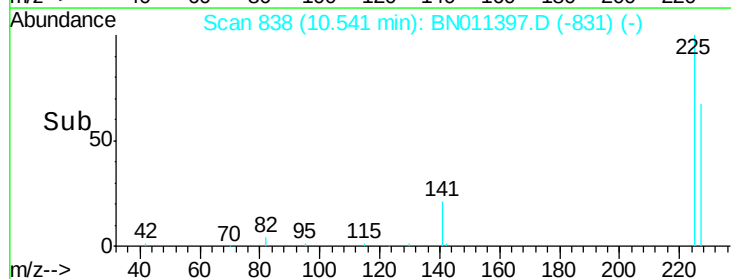
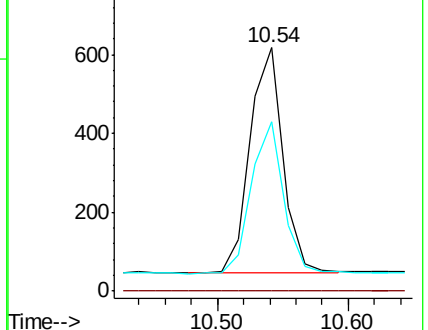
227 65.9 51.7 77.5

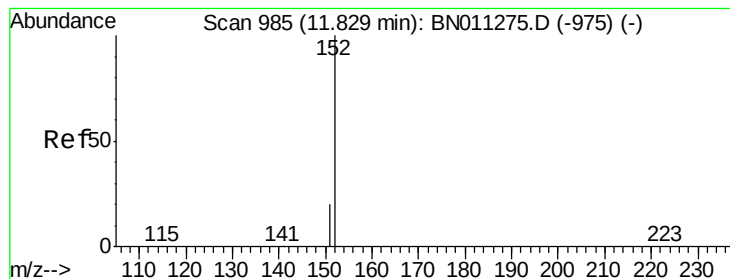


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

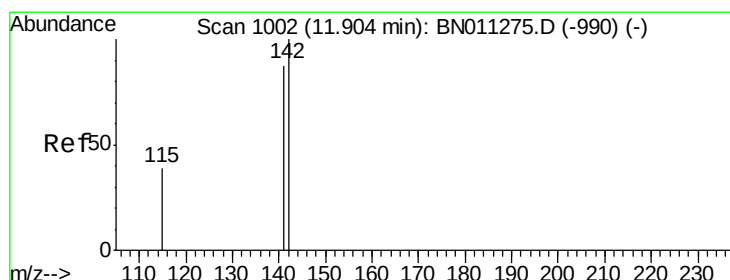
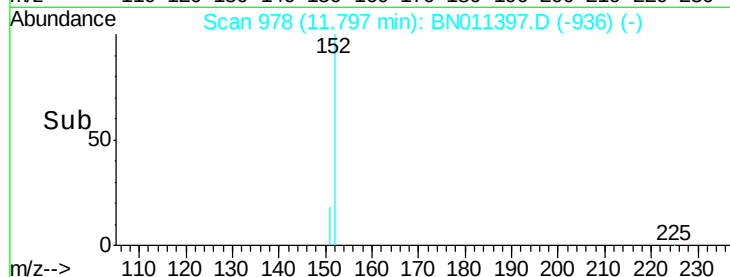
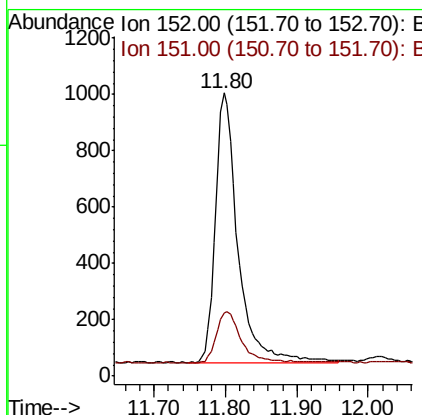
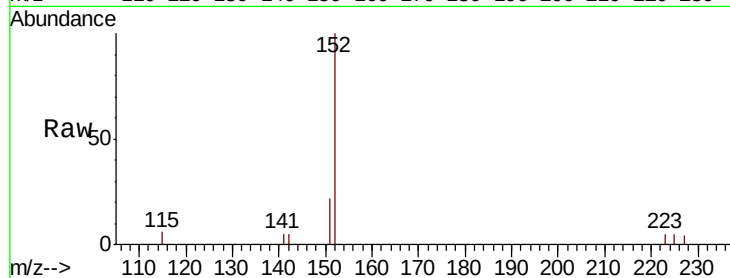




#11
 2-Methylnaphthalene-d10
 Concen: 0.314 ng
 RT: 11.80 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BN011397.D
 Acq: 07 Aug 2020 14:38

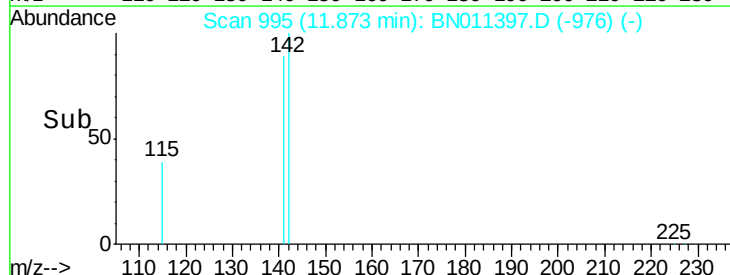
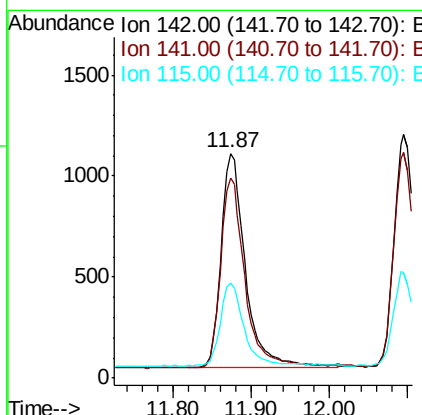
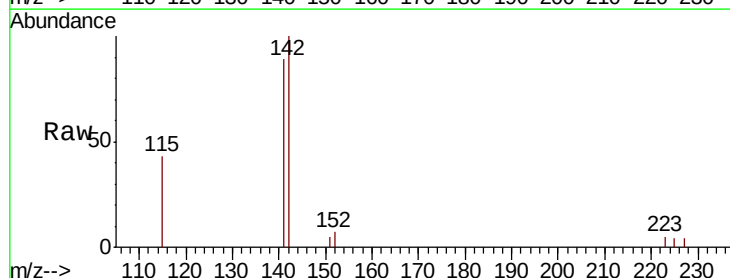
Instrument :
 BNA_N
 ClientSampled :

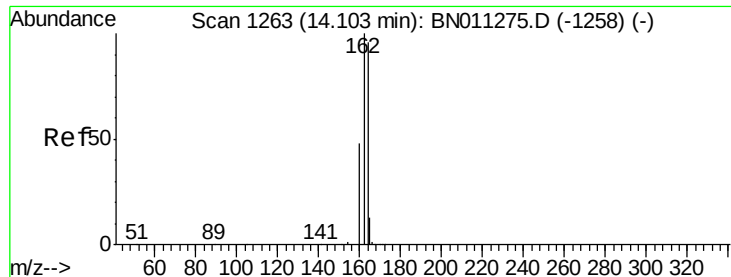
Tot Ion:152 Resp: 2108
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.6 24.8



#12
 2-Methylnaphthalene
 Concen: 0.298 ng
 RT: 11.87 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BN011397.D
 Acq: 07 Aug 2020 14:38

Tgt Ion:142 Resp: 2306
 Ion Ratio Lower Upper
 142 100
 141 89.3 69.6 104.4
 115 42.5 32.5 48.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

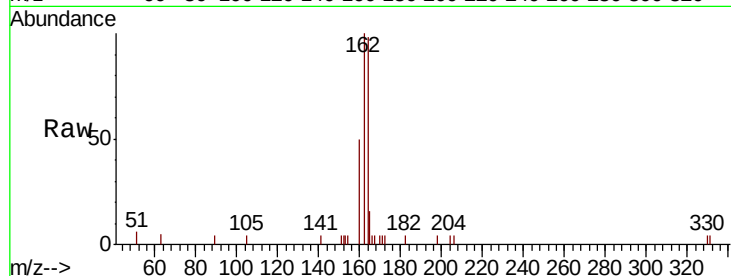
Tot Ion:164 Resp: 1968

Ion Ratio Lower Upper

164 100

162 101.6 83.6 125.4

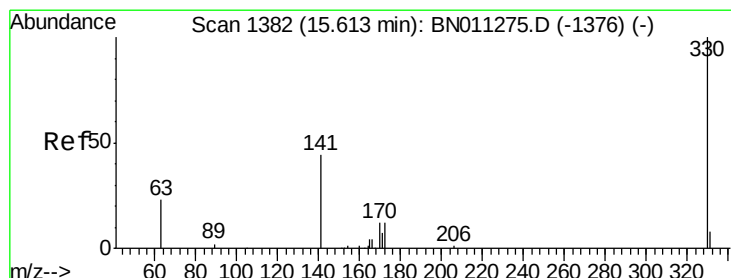
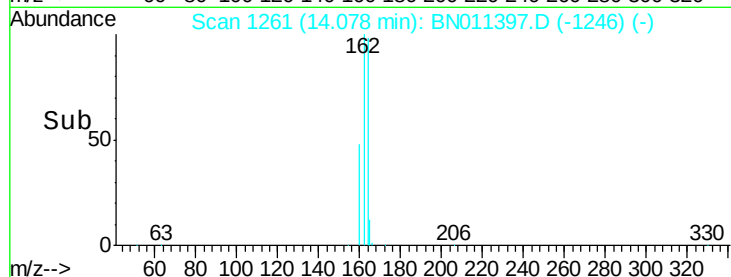
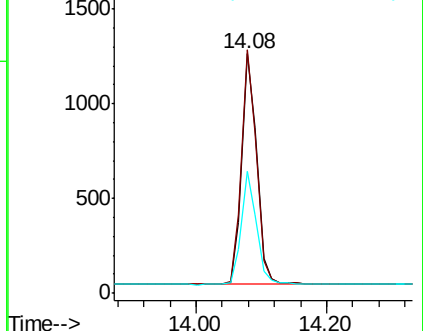
160 50.8 41.2 61.8



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: 0.319 ng

RT: 15.60 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

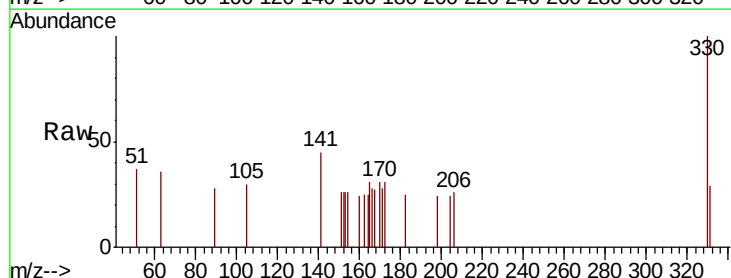
Tgt Ion:330 Resp: 290

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

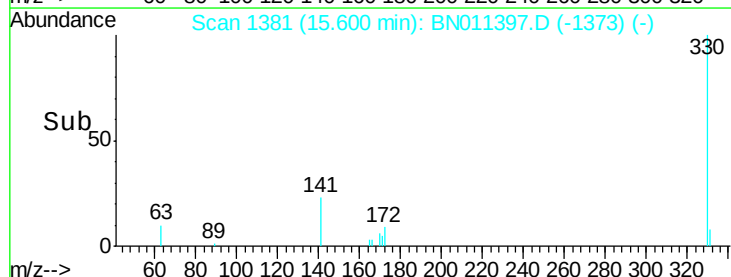
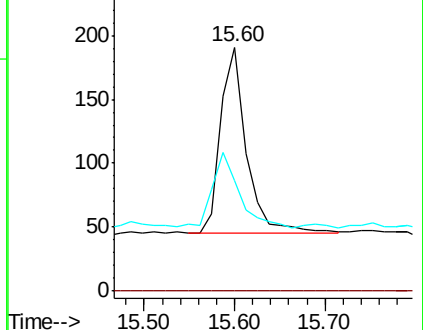
141 42.4 34.2 51.2

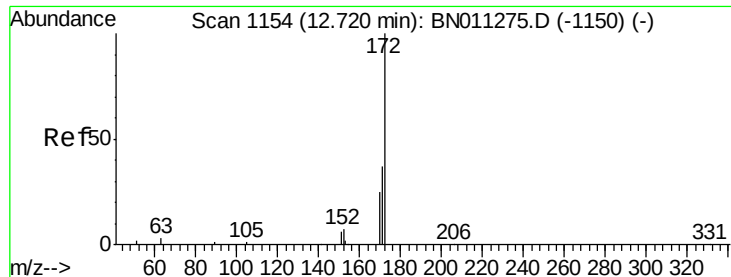


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

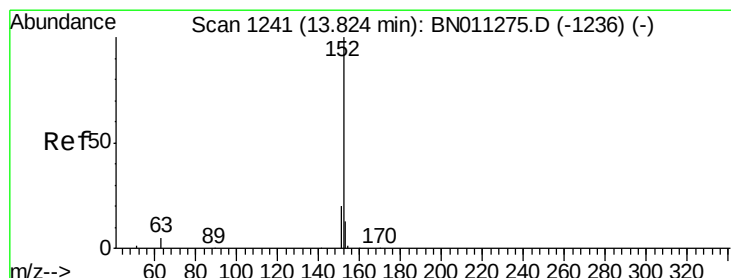
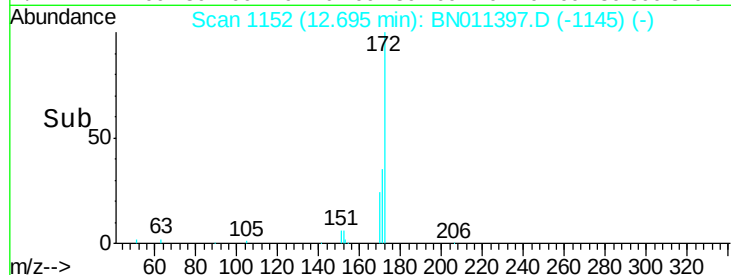
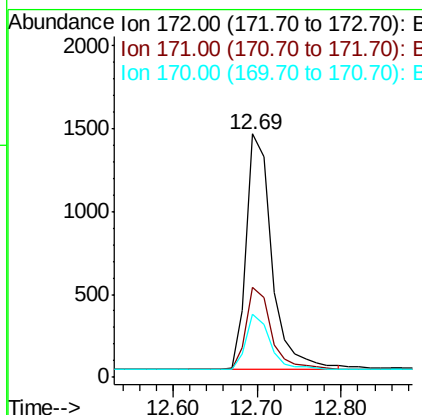
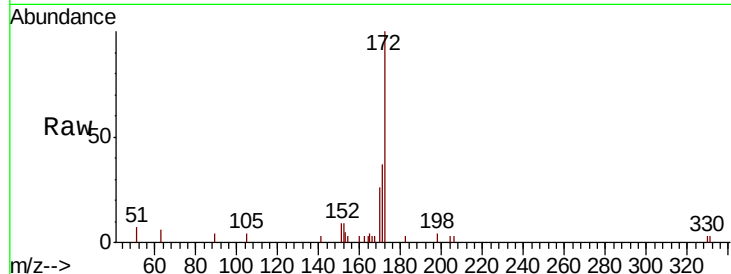




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.69 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

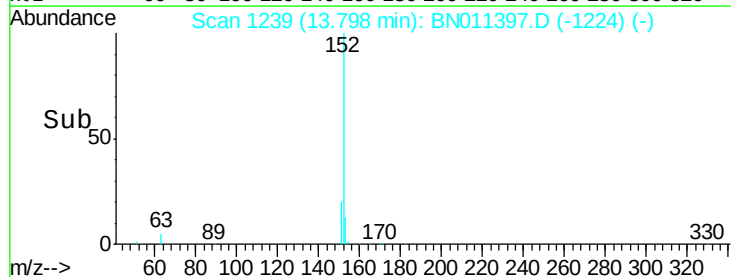
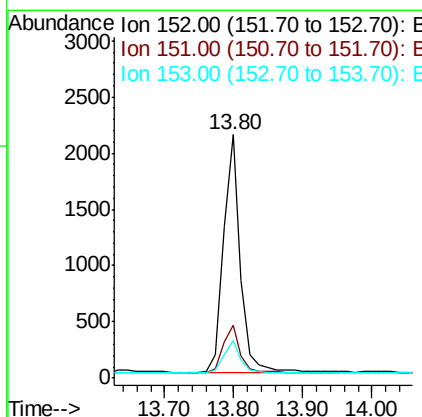
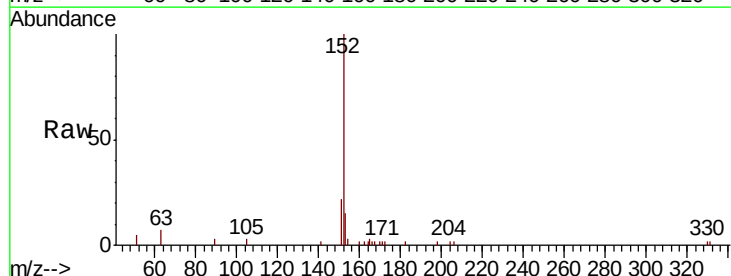
Instrument :
BNA_N
ClientSampleId :

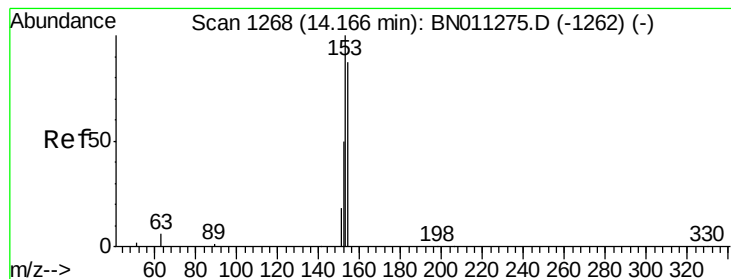
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	26.2	21.0	31.4



#16
Acenaphthylene
Concen: 0.359 ng
RT: 13.80 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.2	10.2	15.4





#17

Acenaphthene

Concen: 0.348 ng

RT: 14.14 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

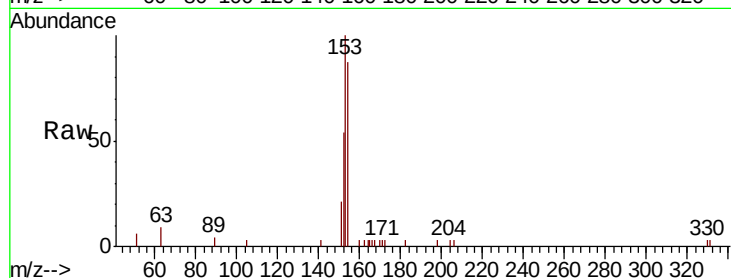
Tot Ion:154 Resp: 2299

Ion Ratio Lower Upper

154 100

153 114.3 91.3 136.9

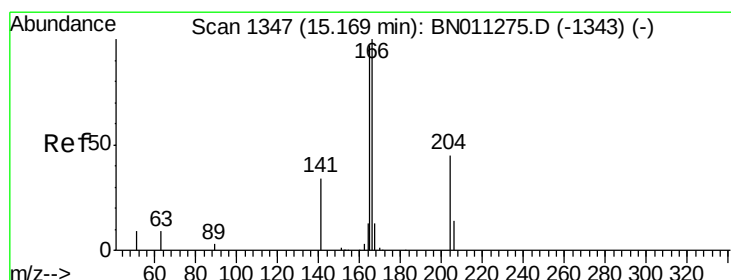
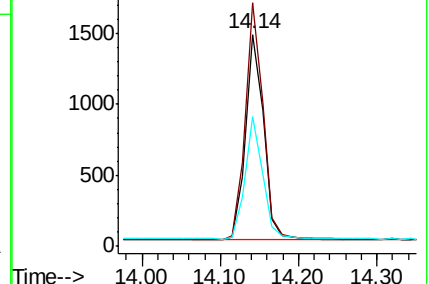
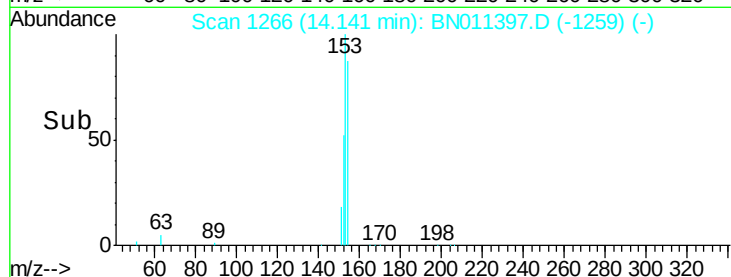
152 58.3 45.8 68.6



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: 0.345 ng

RT: 15.14 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

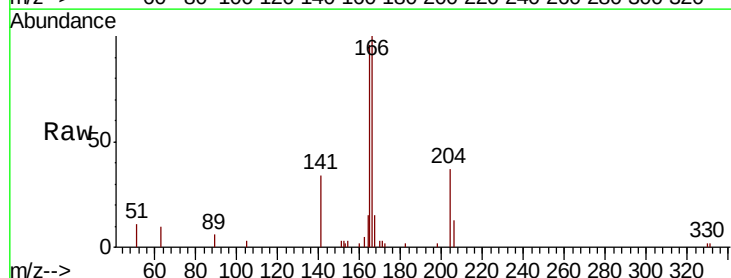
Tgt Ion:166 Resp: 2921

Ion Ratio Lower Upper

166 100

165 96.8 79.6 119.4

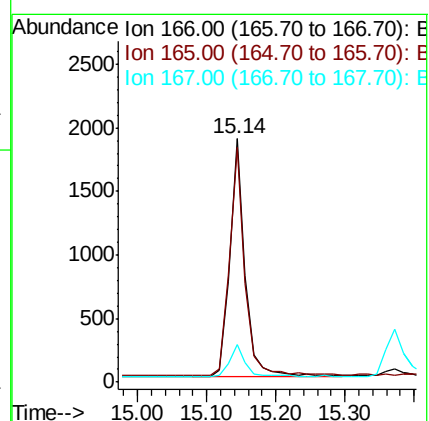
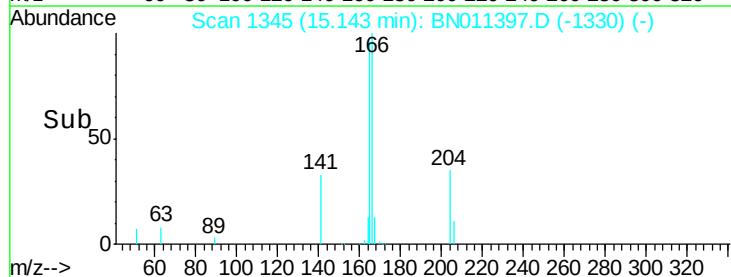
167 13.1 10.8 16.2

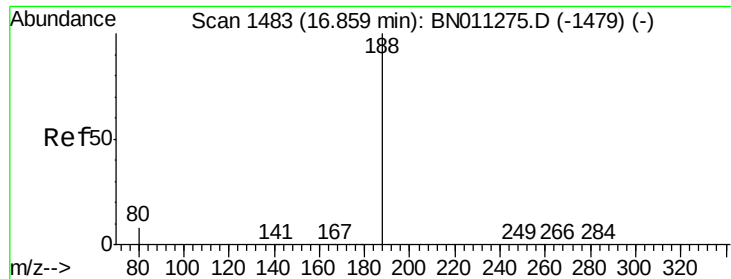


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.85 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

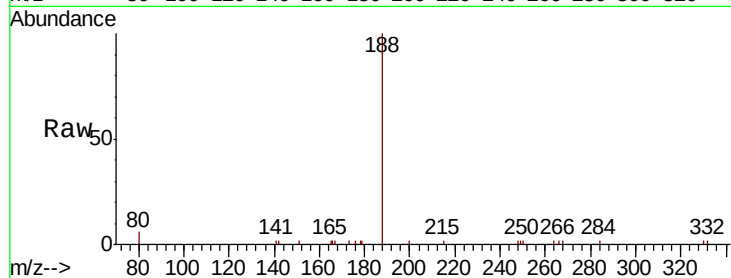
Tot Ion:188 Resp: 4824

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

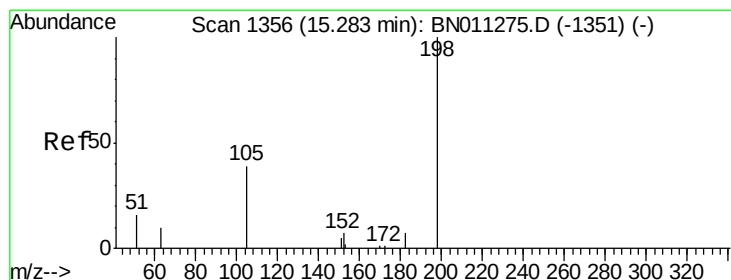
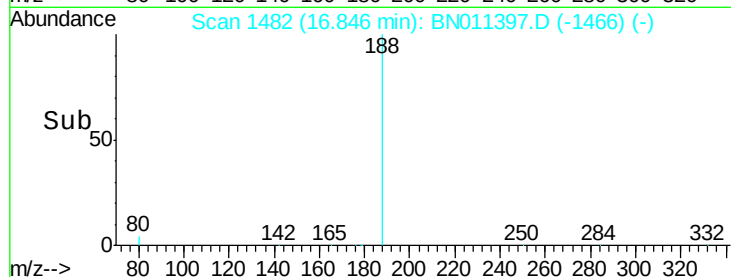
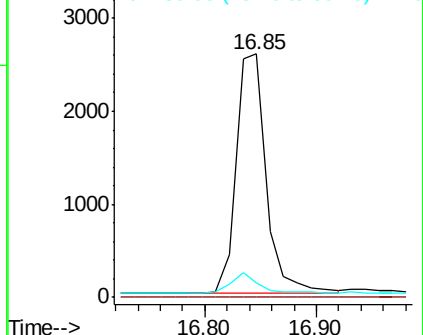
80 6.0 7.4 11.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.327 ng

RT: 15.28 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

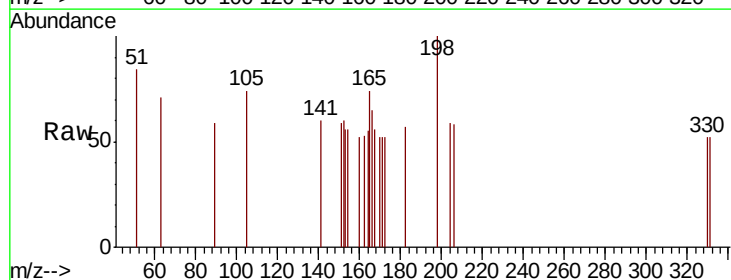
Tgt Ion:198 Resp: 135

Ion Ratio Lower Upper

198 100

51 83.7 49.0 73.6#

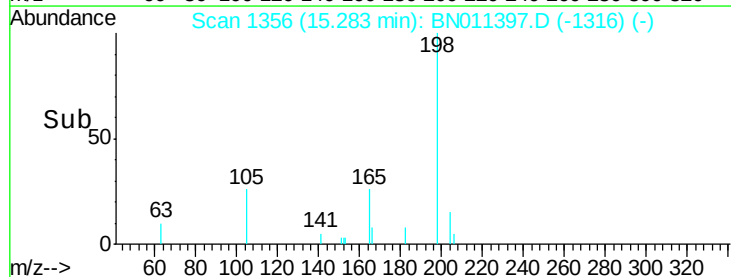
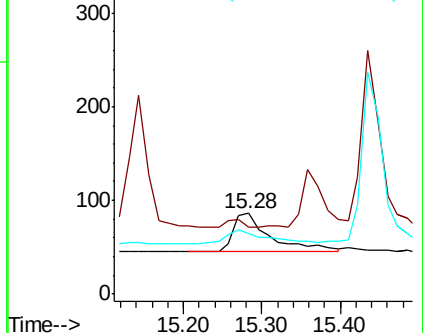
105 74.4 53.8 80.6

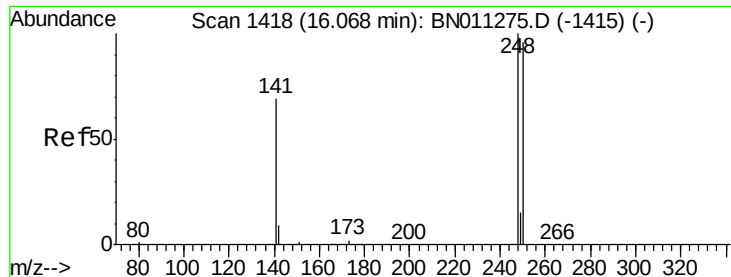


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BN0

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.263 ng

RT: 16.04 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

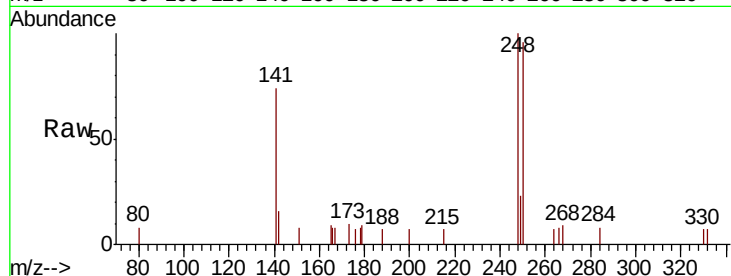
Tot Ion:248 Resp: 842

Ion Ratio Lower Upper

248 100

250 96.2 77.2 115.8

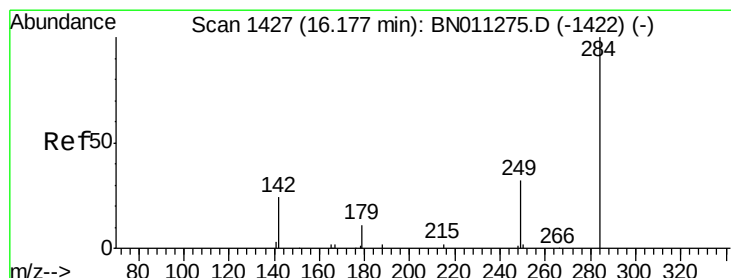
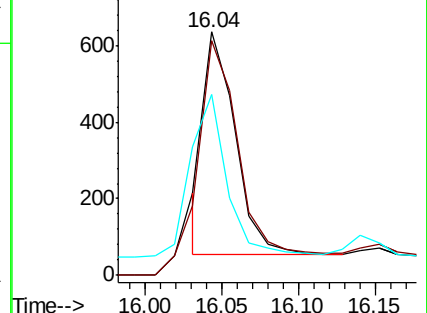
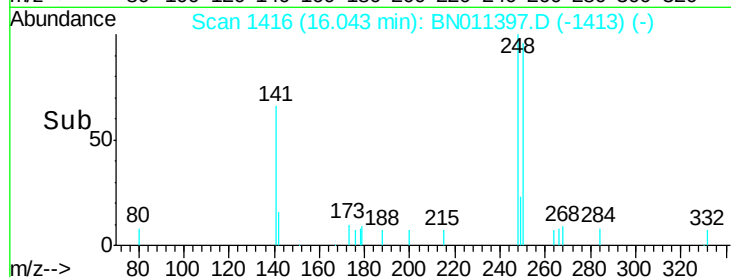
141 74.4 56.5 84.7



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



#22

Hexachlorobenzene

Concen: 0.318 ng

RT: 16.15 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

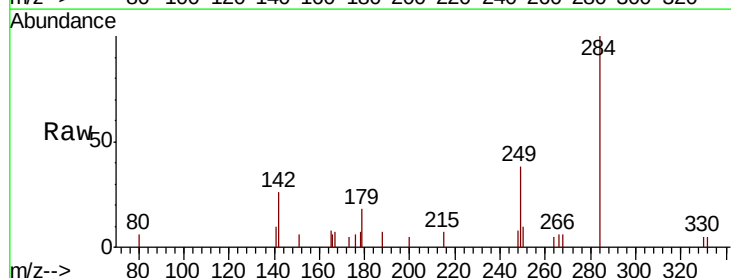
Tgt Ion:284 Resp: 1153

Ion Ratio Lower Upper

284 100

142 36.3 32.8 49.2

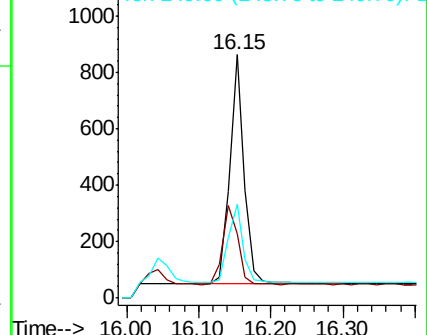
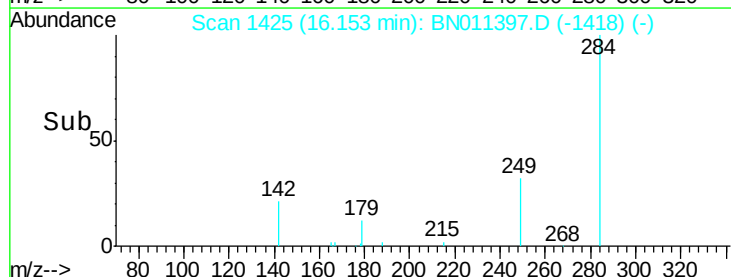
249 35.3 26.6 40.0

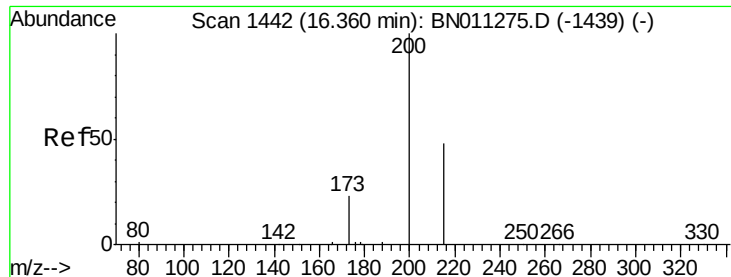


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.284 ng

RT: 16.34 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampled :

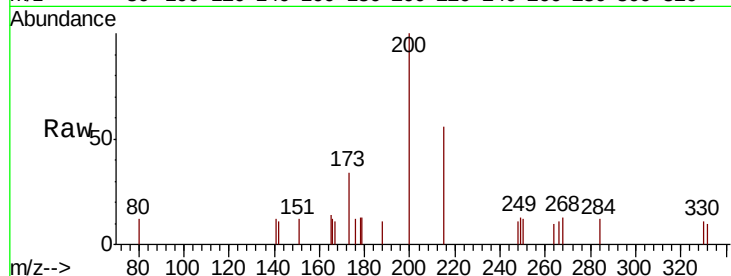
Tot Ion:200 Resp: 707

Ion Ratio Lower Upper

200 100

173 34.0 22.0 33.0#

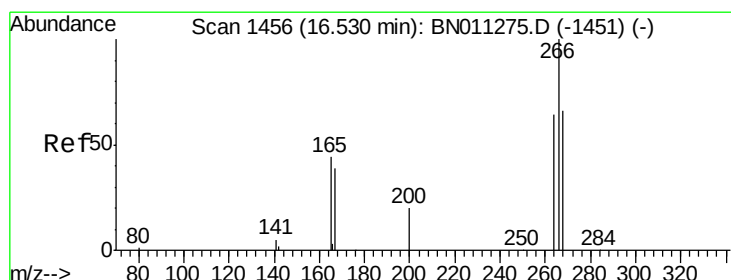
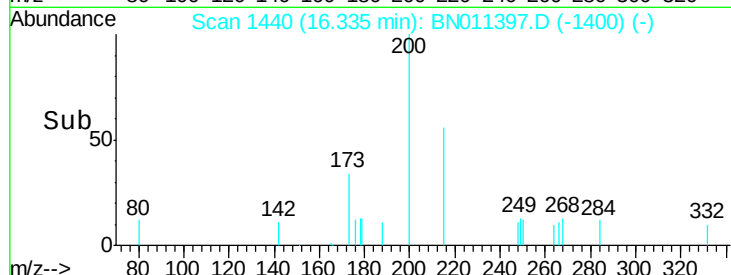
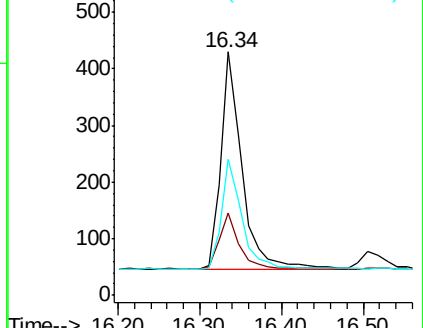
215 55.8 41.1 61.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.290 ng

RT: 16.51 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

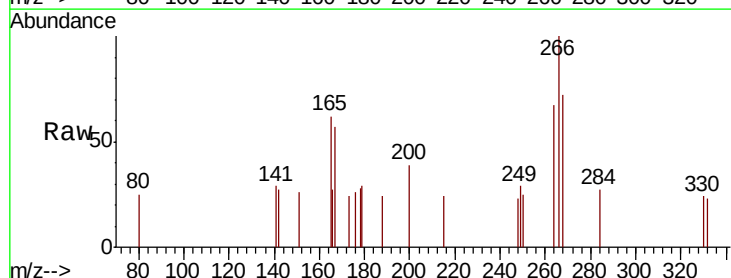
Tgt Ion:266 Resp: 326

Ion Ratio Lower Upper

266 100

264 59.2 51.1 76.7

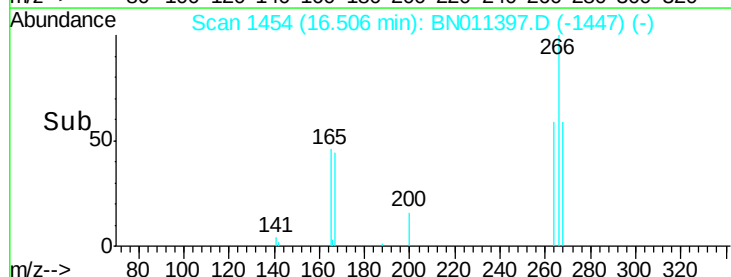
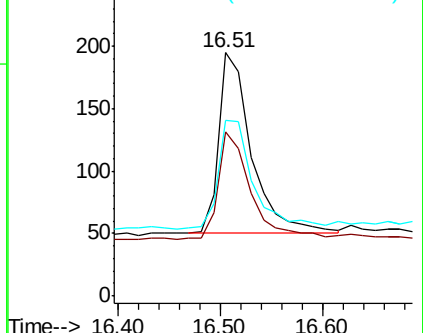
268 64.1 55.5 83.3

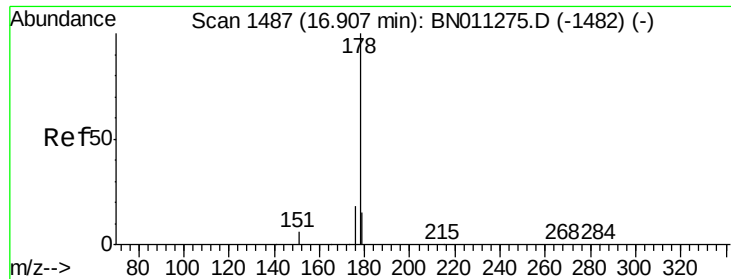


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.361 ng

RT: 16.88 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

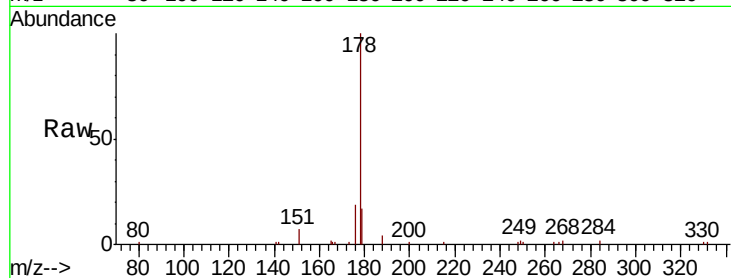
Tot Ion:178 Resp: 5669

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

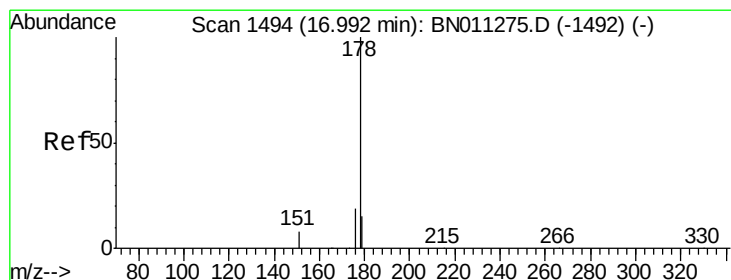
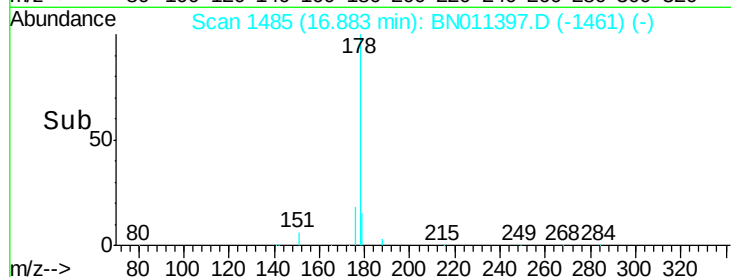
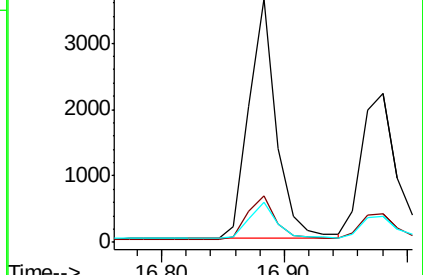
179 15.3 12.2 18.4



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



#26

Anthracene

Concen: 0.344 ng

RT: 16.98 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

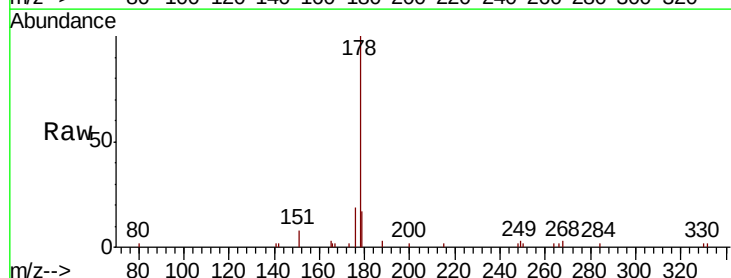
Tgt Ion:178 Resp: 4494

Ion Ratio Lower Upper

178 100

176 17.8 15.0 22.6

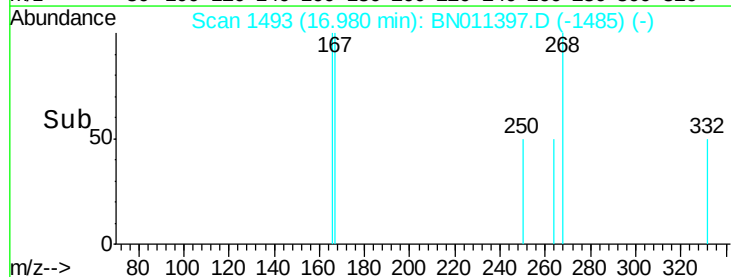
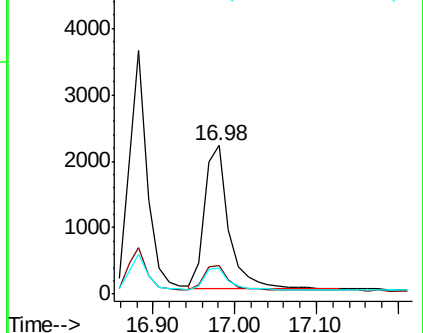
179 15.6 12.1 18.1

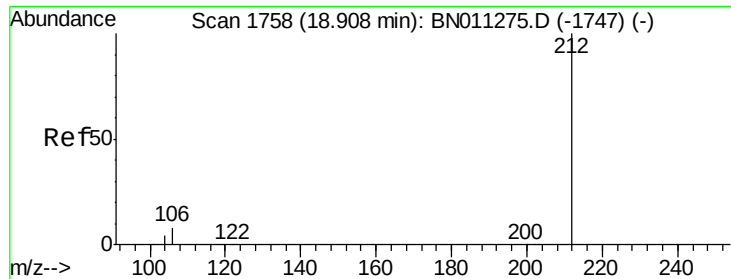


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.315 ng

RT: 18.88 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

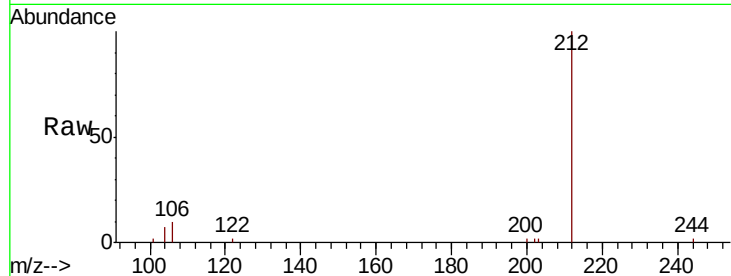
Tot Ion:212 Resp: 4645

Ion Ratio Lower Upper

212 100

106 7.9 6.9 10.3

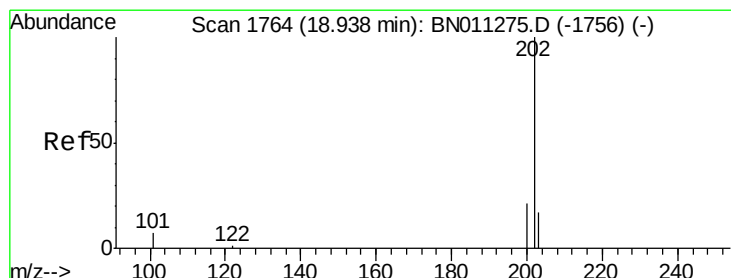
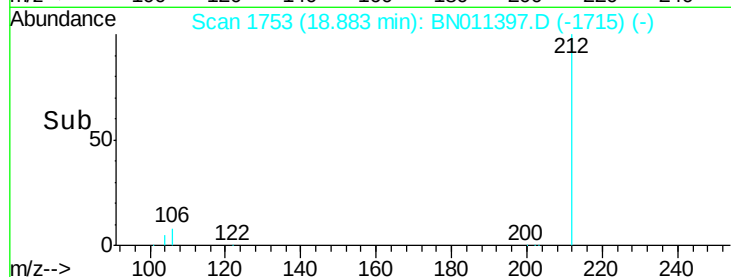
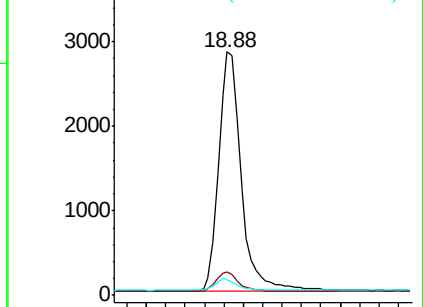
104 4.6 4.2 6.2



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



#28

Fluoranthene

Concen: 0.312 ng

RT: 18.92 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

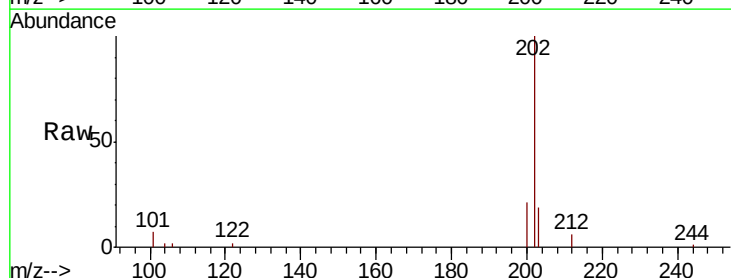
Tgt Ion:202 Resp: 5577

Ion Ratio Lower Upper

202 100

101 6.6 5.9 8.9

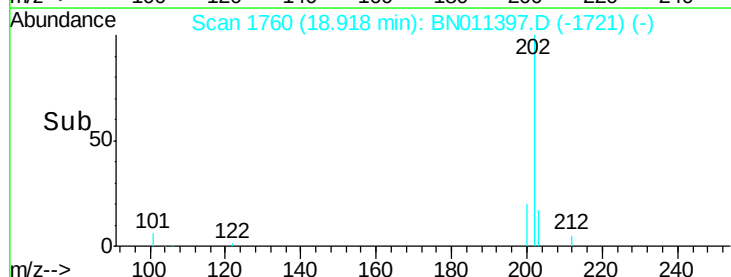
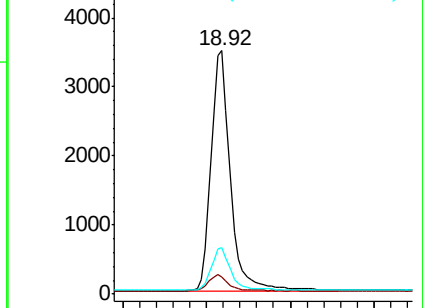
203 17.8 13.7 20.5

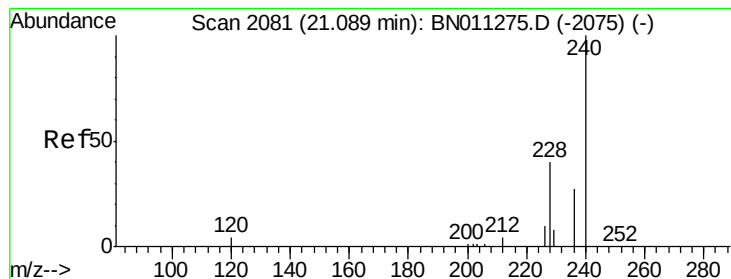


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.06 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

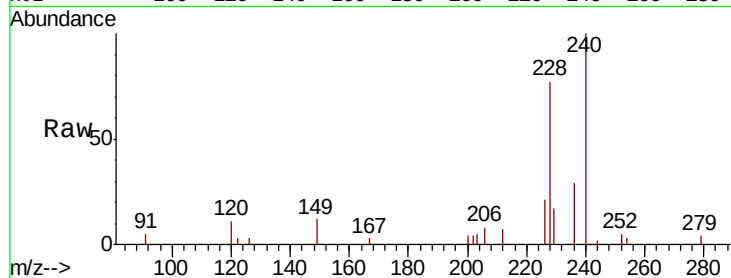
Tot Ion:240 Resp: 4576

Ion Ratio Lower Upper

240 100

120 11.5 5.8 8.8#

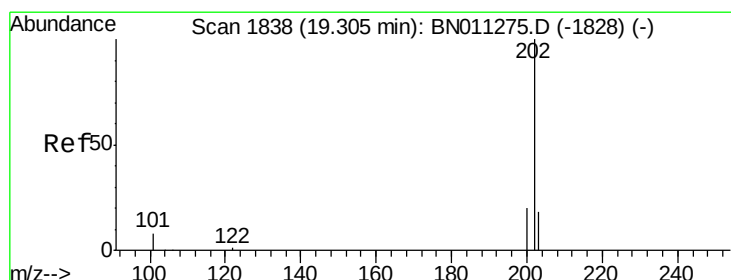
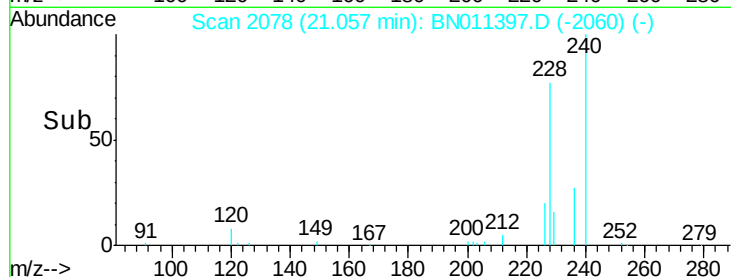
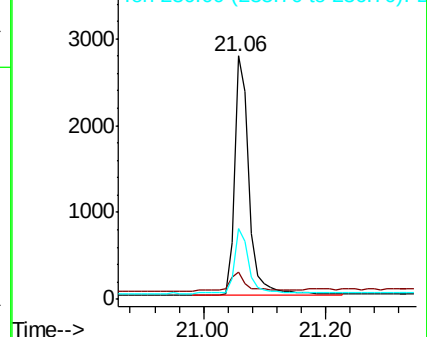
236 29.0 22.7 34.1



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



#30

Pyrene

Concen: 0.269 ng

RT: 19.28 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

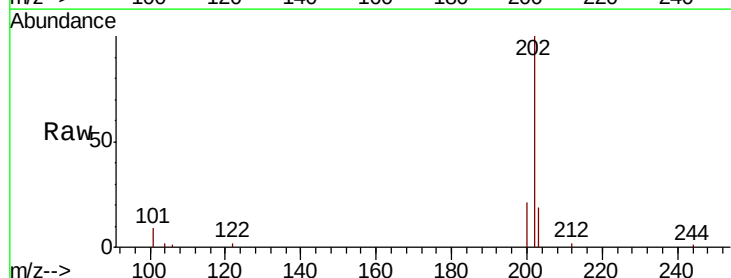
Tgt Ion:202 Resp: 5551

Ion Ratio Lower Upper

202 100

200 20.8 16.3 24.5

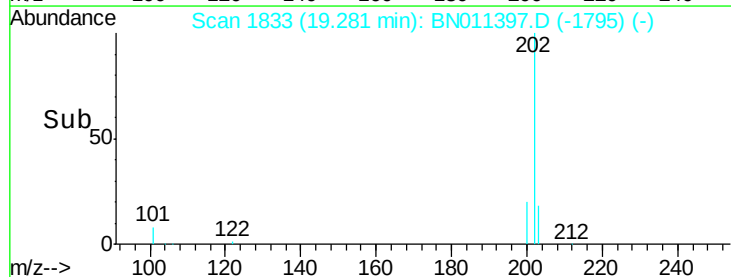
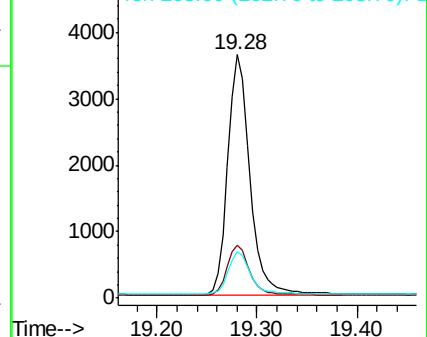
203 17.6 14.1 21.1

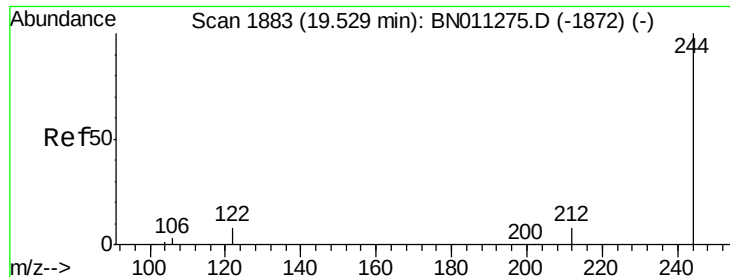


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.283 ng

RT: 19.50 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

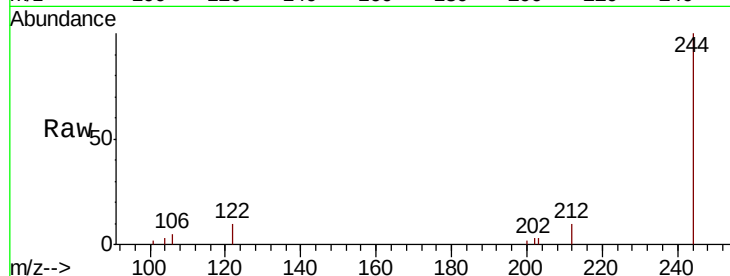
Tot Ion:244 Resp: 3914

Ion Ratio Lower Upper

244 100

212 10.0 7.6 11.4

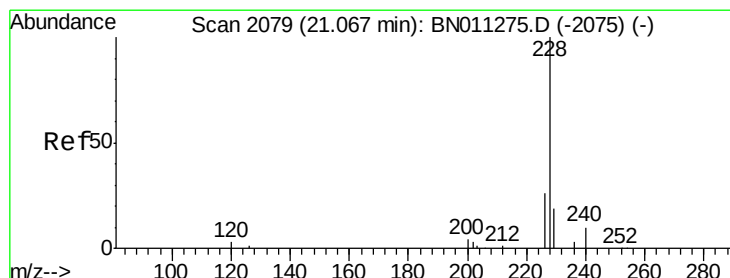
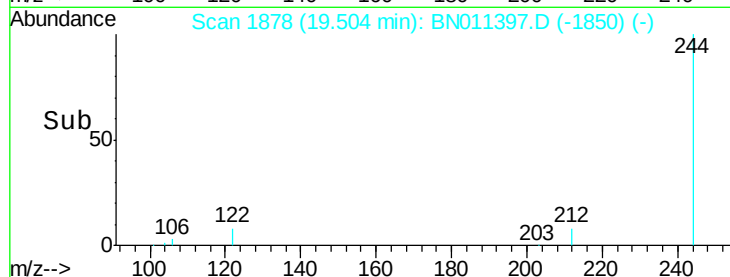
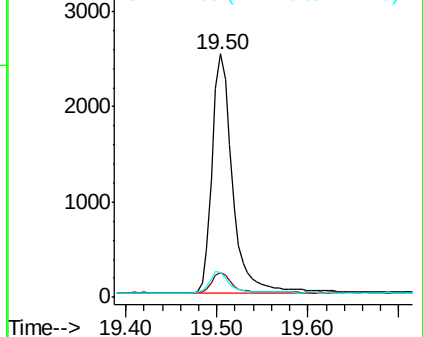
122 10.0 7.5 11.3



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



#32

Benzo(a)anthracene

Concen: 0.376 ng

RT: 21.05 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

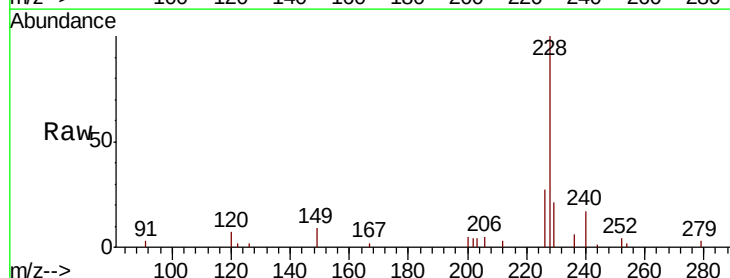
Tgt Ion:228 Resp: 5767

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

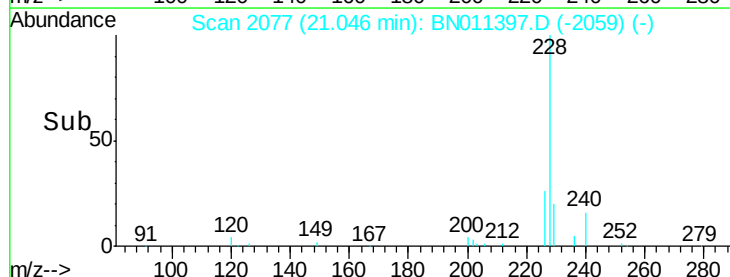
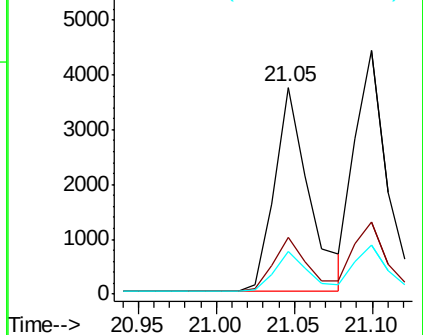
229 20.9 16.0 24.0

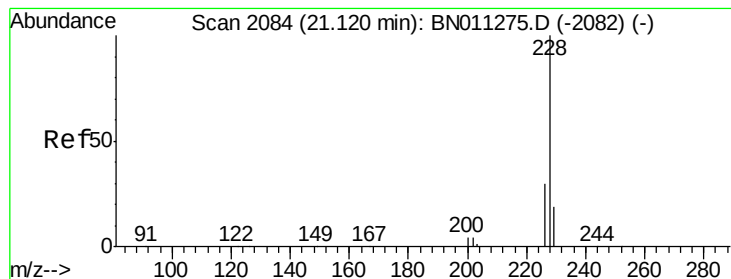


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.368 ng

RT: 21.10 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

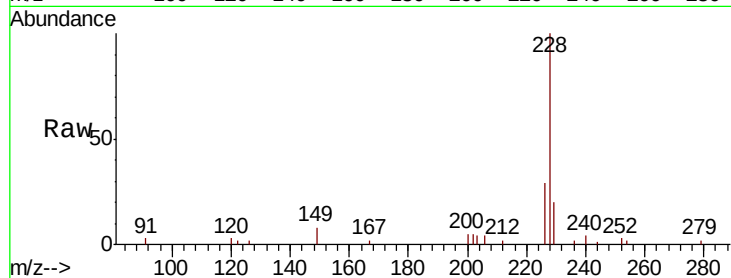
Tot Ion:228 Resp: 6322

Ion Ratio Lower Upper

228 100

226 29.4 24.3 36.5

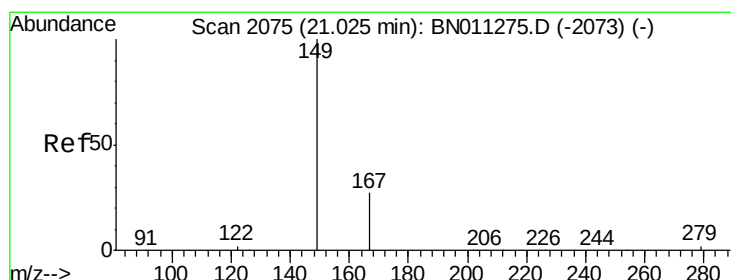
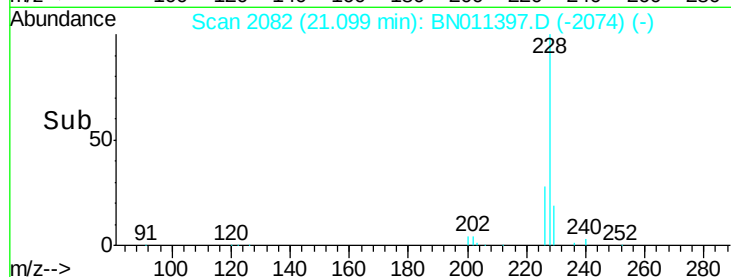
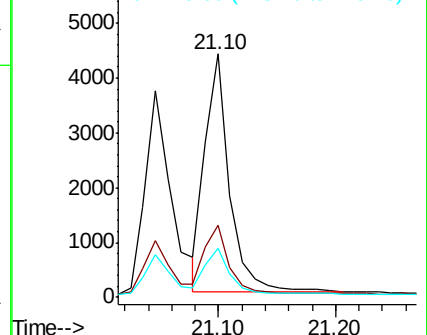
229 20.2 15.9 23.9



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.274 ng

RT: 21.00 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

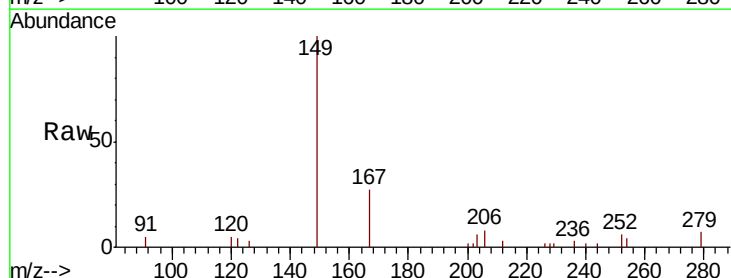
Tgt Ion:149 Resp: 2252

Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

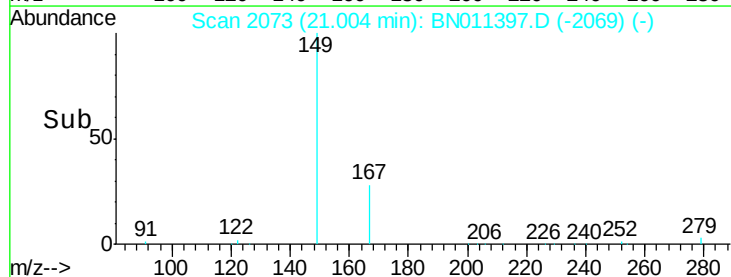
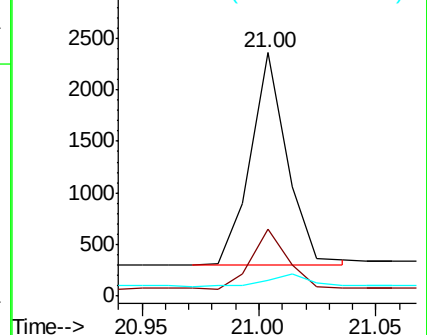
279 6.5 3.9 5.9#

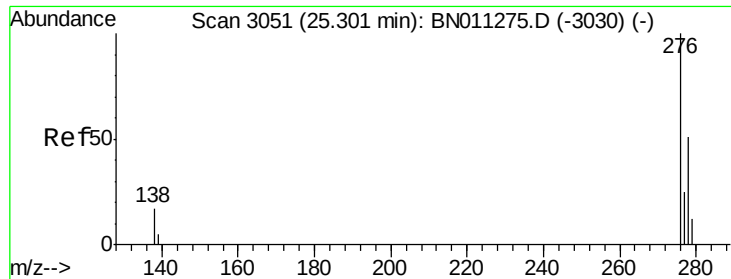


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

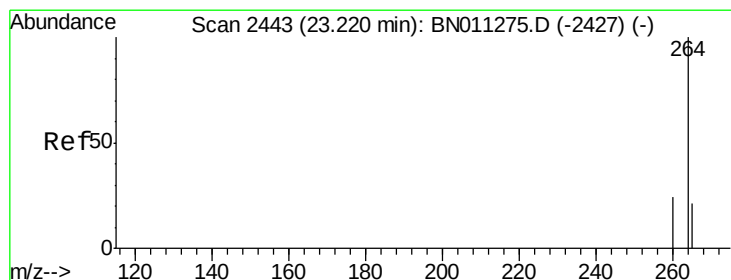
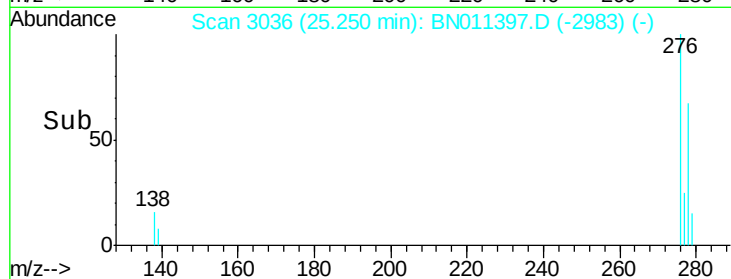
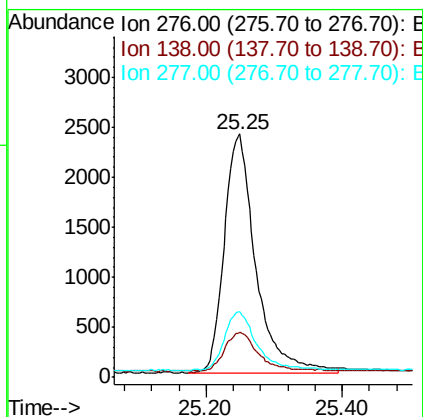
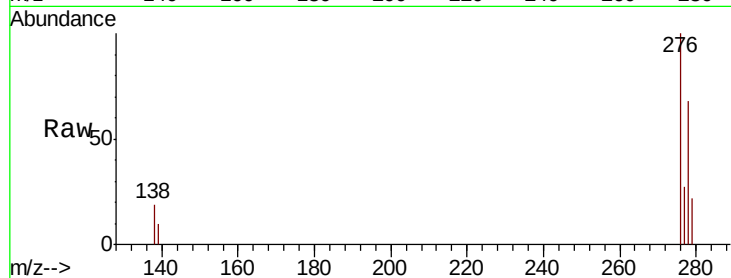




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng
RT: 25.25 min Scan# 3036
Delta R.T. -0.02 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

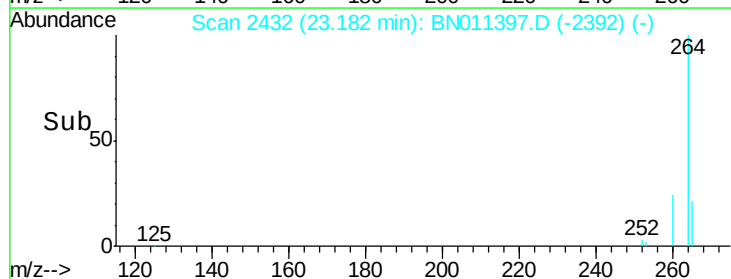
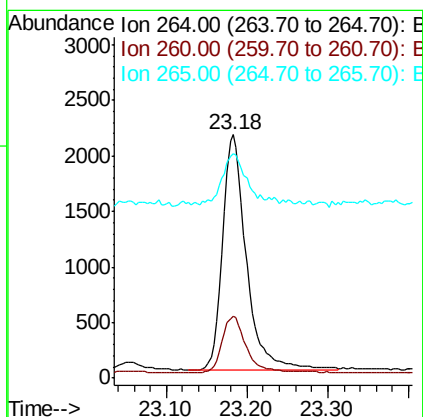
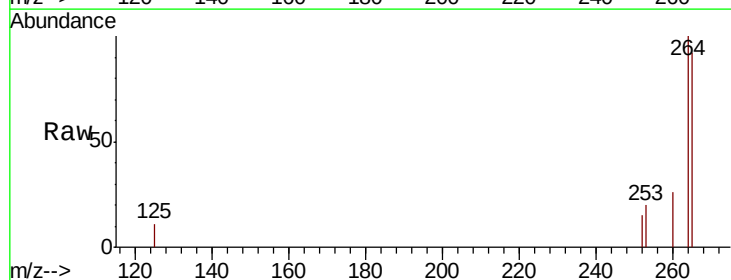
Instrument :
BNA_N
ClientSampleId :

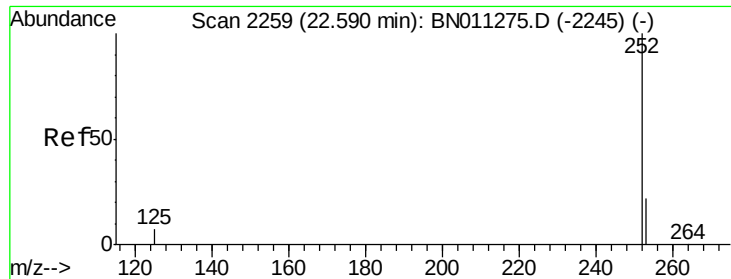
Tot Ion:276 Resp: 7654
Ion Ratio Lower Upper
276 100
138 17.0 13.6 20.4
277 24.0 19.7 29.5



#36
Perylene-d12
Concen: 0.400 ng
RT: 23.18 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:264 Resp: 4330
Ion Ratio Lower Upper
264 100
260 25.6 20.1 30.1
265 92.2 70.7 106.1





#37

Benzo(b)fluoranthene

Concen: 0.343 ng

RT: 22.56 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :

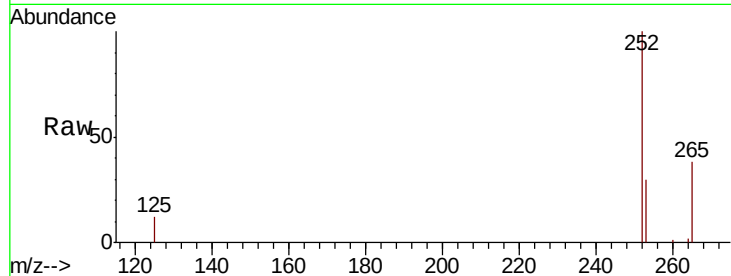
Tot Ion:252 Resp: 5925

Ion Ratio Lower Upper

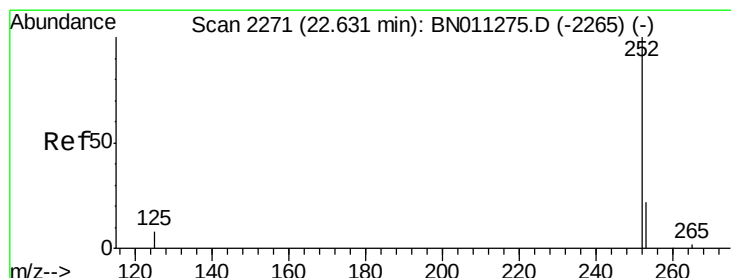
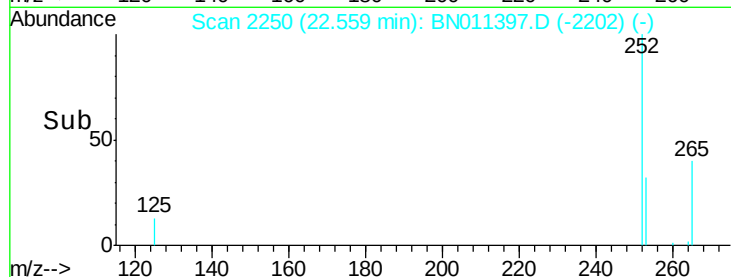
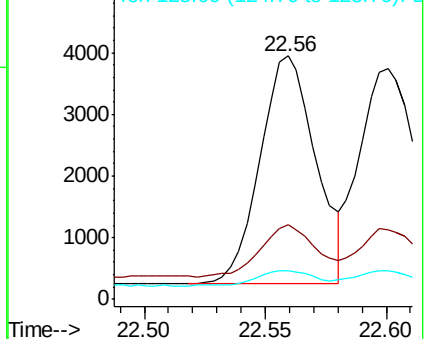
252 100

253 30.4 23.1 34.7

125 12.0 9.4 14.2



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

Benzo(k)fluoranthene

Concen: 0.334 ng

RT: 22.60 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

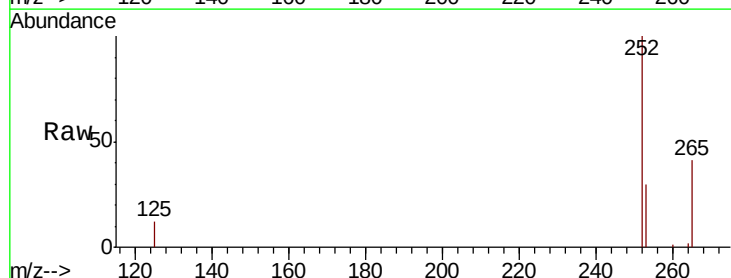
Tgt Ion:252 Resp: 6347

Ion Ratio Lower Upper

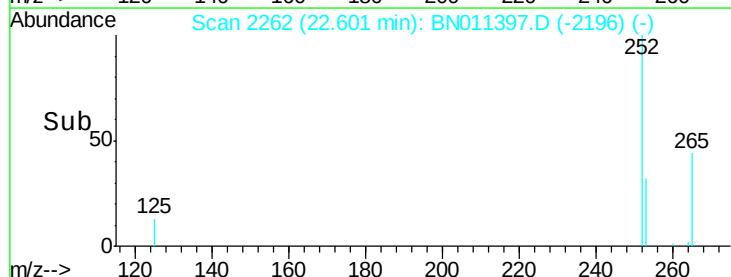
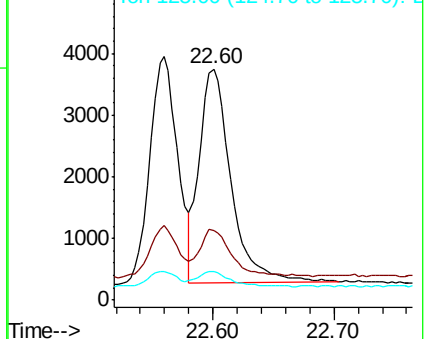
252 100

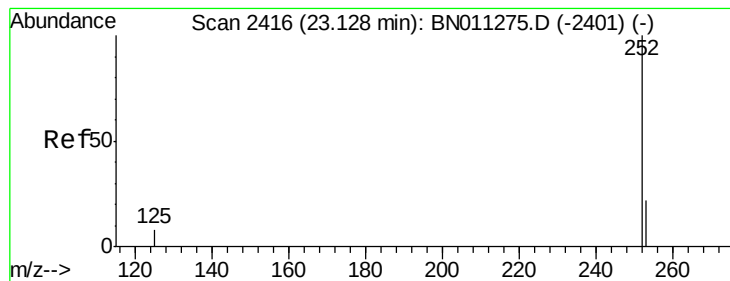
253 30.4 22.9 34.3

125 12.3 11.3 16.9



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





#39

Benzo(a)pyrene

Concen: 0.349 ng

RT: 23.09 min Scan# 2406

Delta R.T. -0.01 min

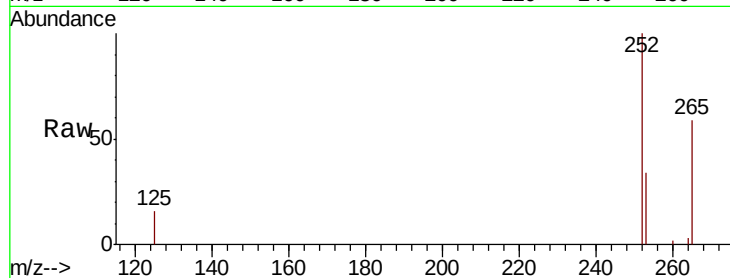
Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :



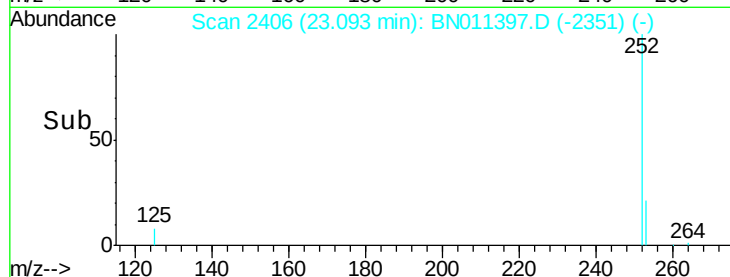
Tot Ion:252 Resp: 5234

Ion Ratio Lower Upper

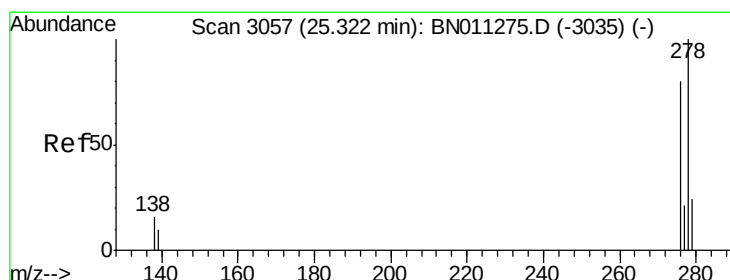
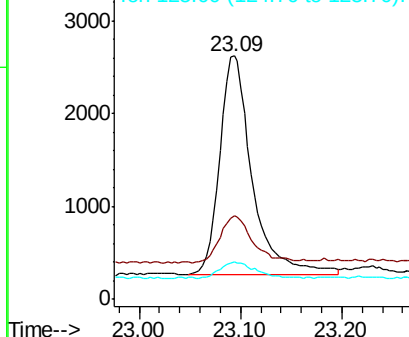
252 100

253 34.1 26.6 39.8

125 15.6 12.7 19.1



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



#40

Dibenzo(a,h)anthracene

Concen: 0.403 ng

RT: 25.26 min Scan# 3039

Delta R.T. -0.02 min

Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

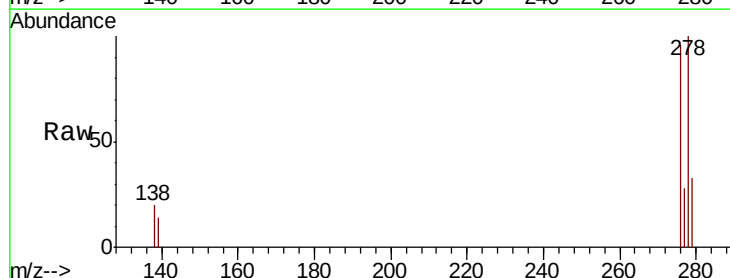
Tgt Ion:278 Resp: 6254

Ion Ratio Lower Upper

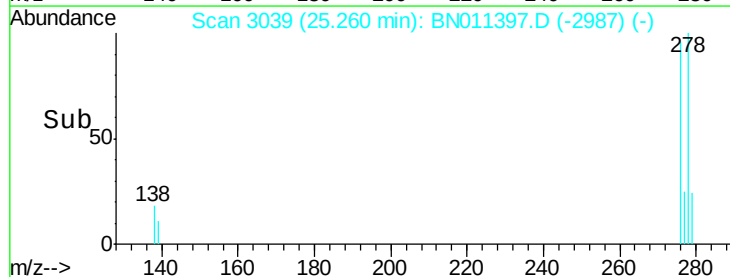
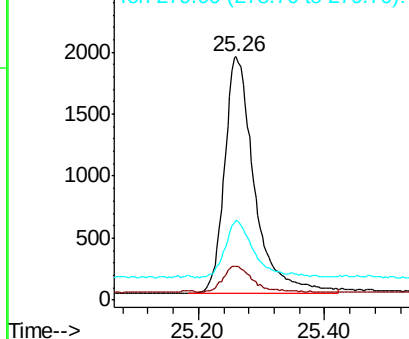
278 100

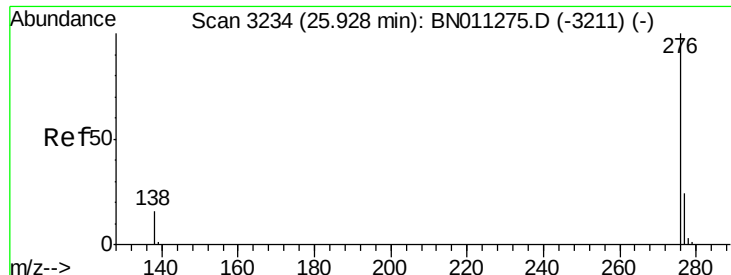
139 14.0 12.4 18.6

279 32.5 25.8 38.6



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





#41

Benzo(a,h,i)perylene

Concen: 0.368 ng

RT: 25.87 min Scan# 3217

Delta R.T. -0.02 min

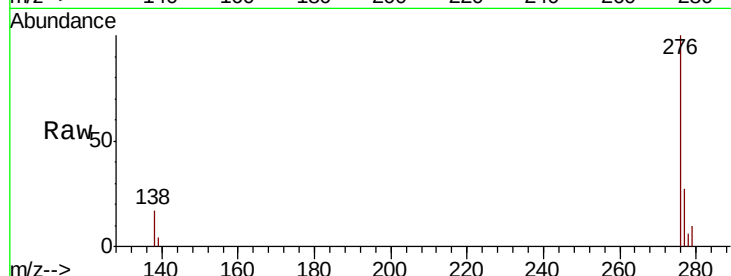
Lab File: BN011397.D

Acq: 07 Aug 2020 14:38

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 6317

Ion Ratio Lower Upper

276 100

277 27.1 21.0 31.6

138 17.4 15.0 22.6

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

