

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
 Data File : BN009375.D
 Acq On : 15 Jan 2020 12:23
 Operator : JU
 Sample : K3591-01
 Misc : LOD-MDL-S-0.1NG
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 15 16:13:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1376	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4673	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	3058	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	6842	0.40	ng	0.00
27) Chrysene-d12	21.07	240	5906	0.40	ng	0.00
34) Perylene-d12	23.19	264	5980	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.12	112	1214	0.38	ng	0.00
5) Phenol-d6	6.69	99	1310	0.36	ng	0.00
8) Nitrobenzene-d5	8.66	82	1192	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	11.85	152	2683	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.64	330	373	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.74	172	3955	0.35	ng	0.01
25) Fluoranthene-d10	18.90	212	7176	0.31	ng	0.00
29) Terphenyl-d14	19.51	244	5672	0.41	ng	0.00

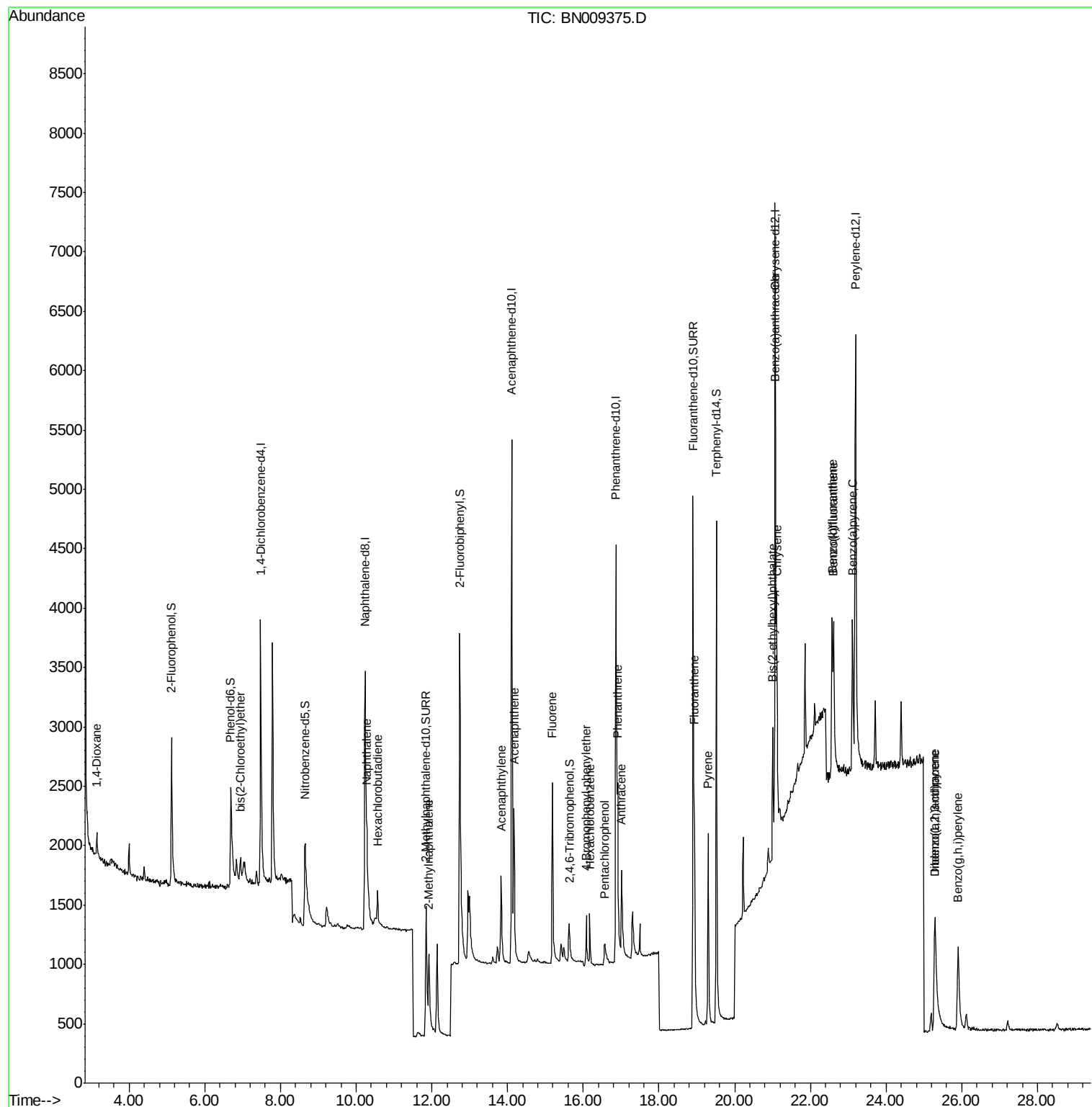
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.14	88	118	0.082	ng	98
6) bis(2-Chloroethyl)ether	6.94	93	330	0.087	ng	# 76
9) Naphthalene	10.29	128	1100	0.087	ng	# 82
10) Hexachlorobutadiene	10.57	225	236	0.085	ng	# 98
12) 2-Methylnaphthalene	11.92	142	759	0.086	ng	# 91
16) Acenaphthylene	13.83	152	1043	0.079	ng	99
17) Acenaphthene	14.18	154	780	0.084	ng	99
18) Fluorene	15.18	166	999	0.083	ng	99
20) 4-Bromophenyl-phenylether	16.08	248	312	0.076	ng	93
21) Hexachlorobenzene	16.17	284	367	0.084	ng	95
22) Pentachlorophenol	16.57	266	214	0.174	ng	90
23) Phenanthrene	16.91	178	1672	0.081	ng	99
24) Anthracene	17.01	178	1330	0.077	ng	97
26) Fluoranthene	18.94	202	2011	0.083	ng	98
28) Pyrene	19.30	202	2000	0.089	ng	98
30) Benzo(a)anthracene	21.06	228	1473	0.076	ng	93
31) Chrysene	21.11	228	2061	0.093	ng	94
32) Bis(2-ethylhexyl)phthalate	21.01	149	809	0.094	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.29	276	1911	0.083	ng	94
35) Benzo(b)fluoranthene	22.57	252	1771	0.081	ng	# 54
36) Benzo(k)fluoranthene	22.61	252	2106	0.087	ng	# 63
37) Benzo(a)pyrene	23.11	252	1738	0.090	ng	# 1
38) Dibenzo(a,h)anthracene	25.30	278	1329	0.068	ng	# 54
39) Benzo(g,h,i)perylene	25.91	276	1833	0.086	ng	# 82

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

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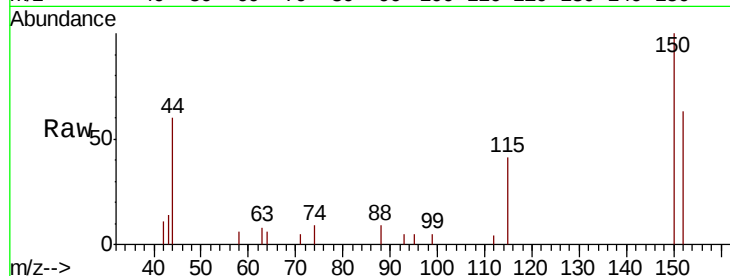


#1

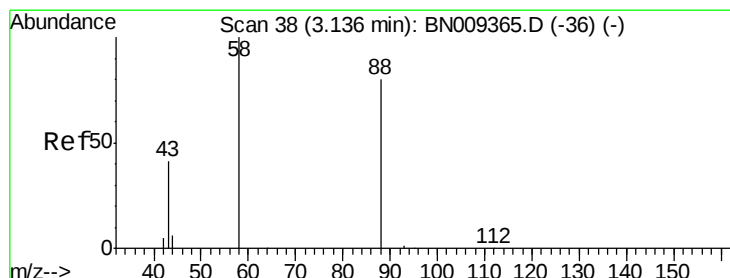
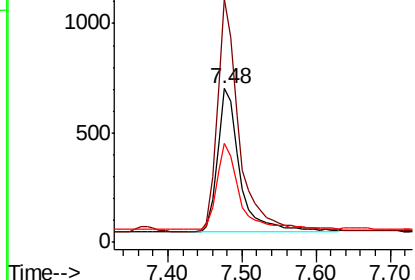
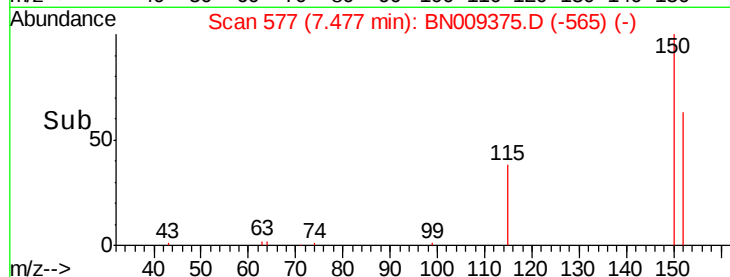
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 1376
Ion Ratio Lower Upper
152 100
150 158.3 125.7 188.5
115 64.7 53.3 79.9



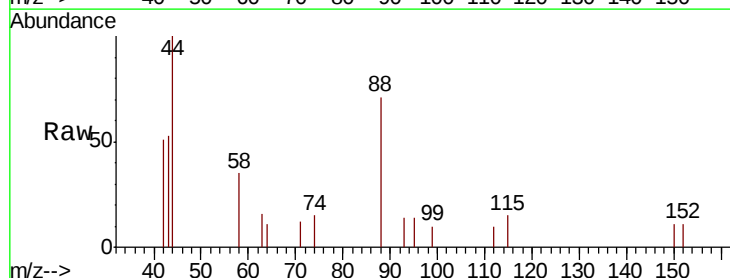
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



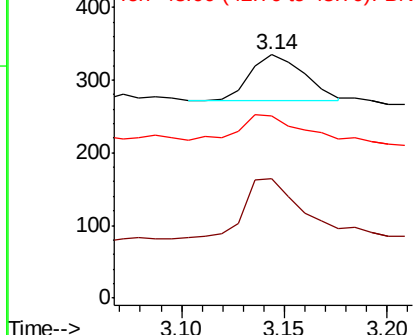
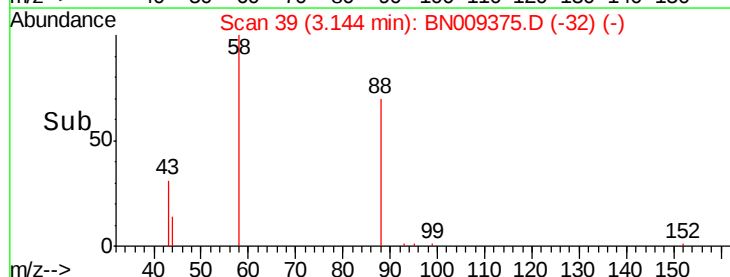
#2

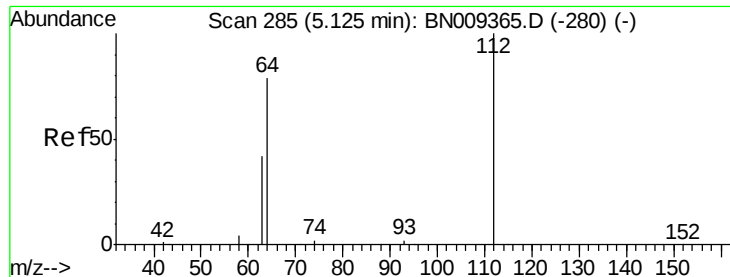
1,4-Dioxane
Concen: 0.082 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion: 88 Resp: 118
Ion Ratio Lower Upper
88 100
58 124.6 100.2 150.2
43 56.8 43.1 64.7



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





#4

2-Fluorophenol

Concen: 0.383 ng

RT: 5.12 min Scan# 285

Delta R.T. -0.00 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

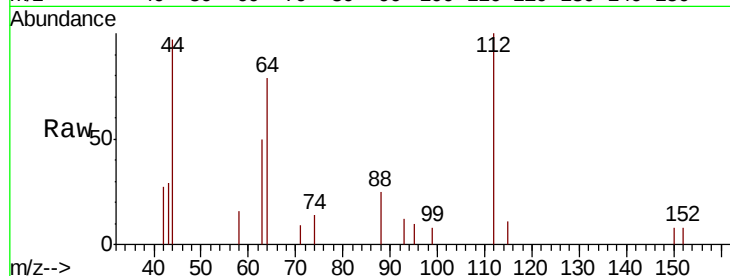
Tot Ion: 112 Resp: 1214

Ion Ratio Lower Upper

112 100

64 76.7 61.5 92.3

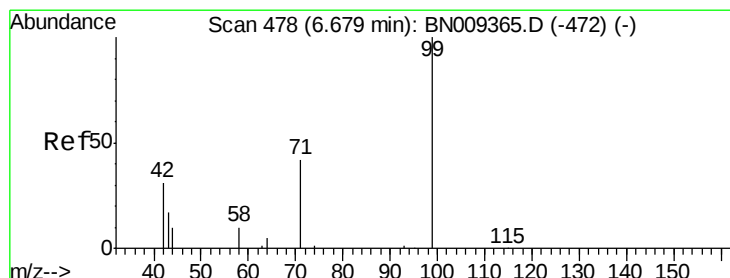
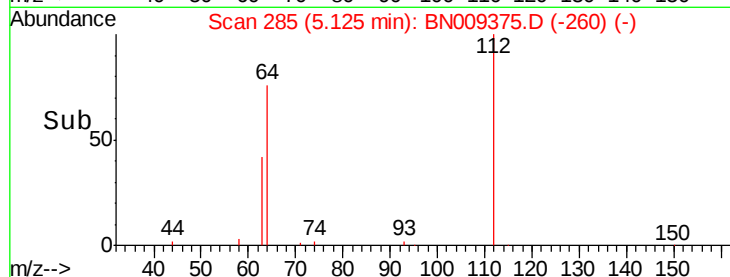
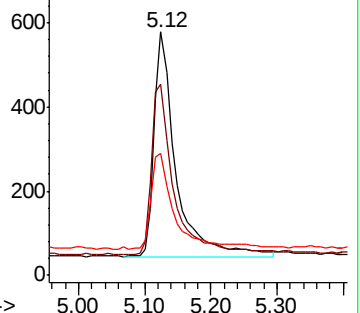
63 45.5 35.0 52.4



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.357 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

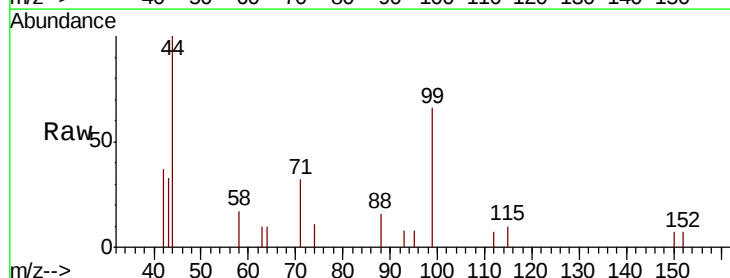
Tgt Ion: 99 Resp: 1310

Ion Ratio Lower Upper

99 100

42 32.7 27.6 41.4

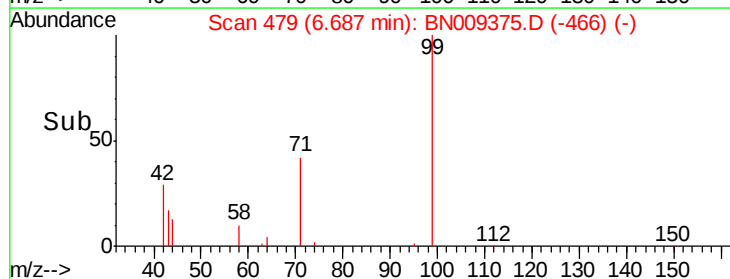
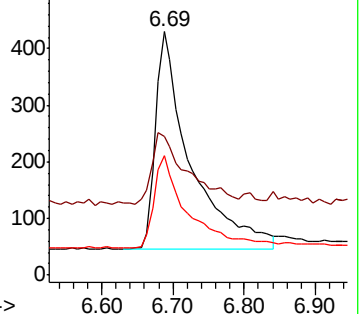
71 41.3 33.0 49.6

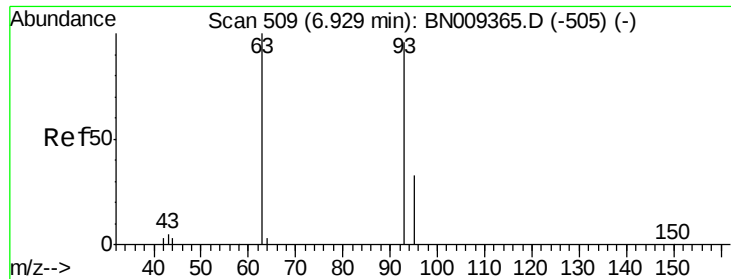


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.087 ng

RT: 6.94 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

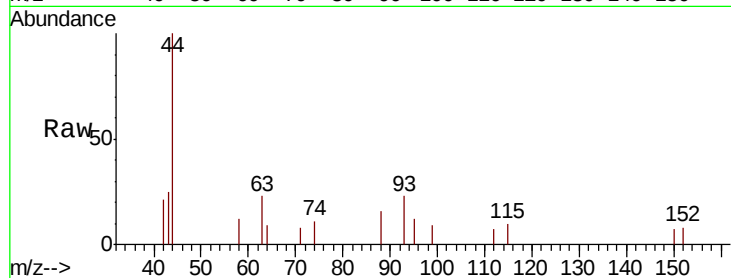
Tot Ion: 93 Resp: 330

Ion Ratio Lower Upper

93 100

63 72.4 85.1 127.7#

95 37.3 30.2 45.4

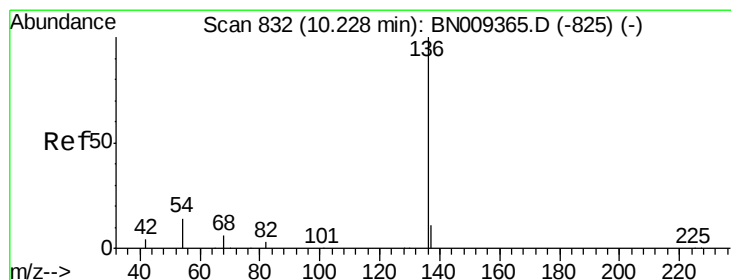
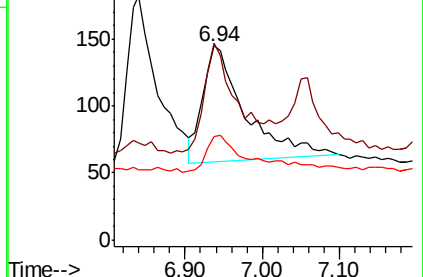
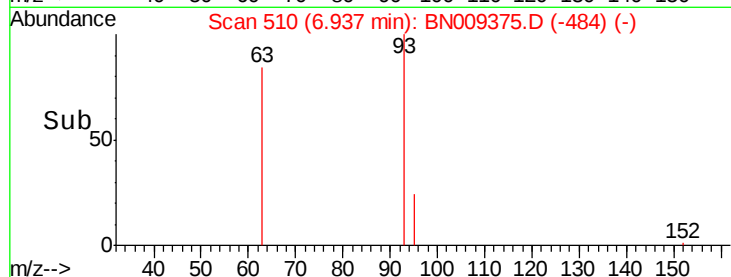


Abundance Ion 93.00 (92.70 to 93.70): BN009375.D (-484) (-)

Ion 63.00 (62.70 to 63.70): BN009375.D (-484) (-)

Ion 95.00 (94.70 to 95.70): BN009375.D (-484) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Tgt Ion: 136 Resp: 4673

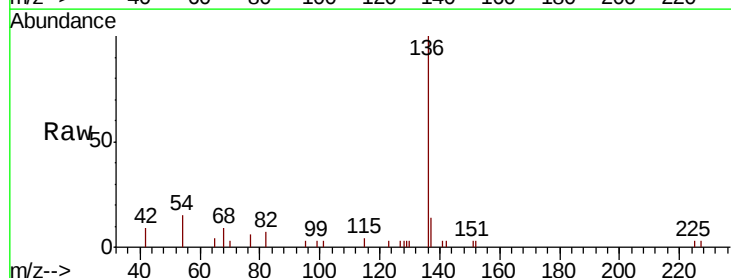
Ion Ratio Lower Upper

136 100

137 13.8 10.3 15.5

54 14.9 12.6 19.0

68 8.5 6.5 9.7



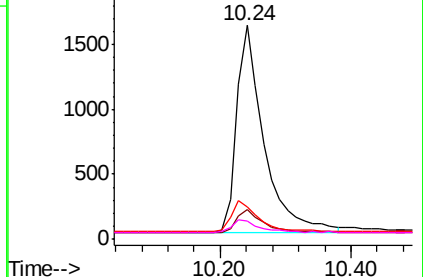
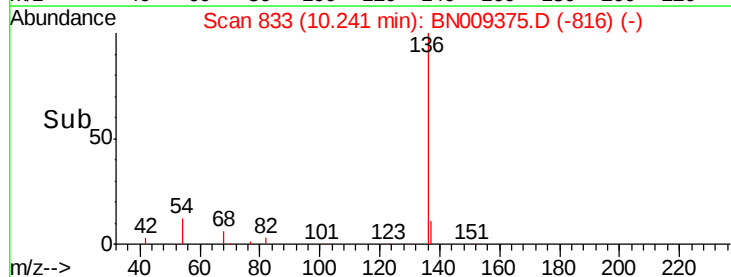
Abundance Ion 136.00 (135.70 to 136.70): BN009375.D (-816) (-)

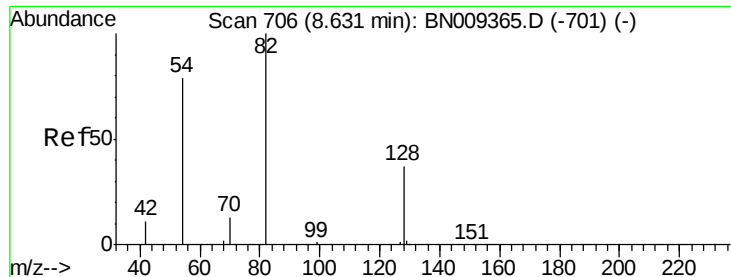
Ion 137.00 (136.70 to 137.70): BN009375.D (-816) (-)

Ion 54.00 (53.70 to 54.70): BN009375.D (-816) (-)

Ion 68.00 (67.70 to 68.70): BN009375.D (-816) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.320 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

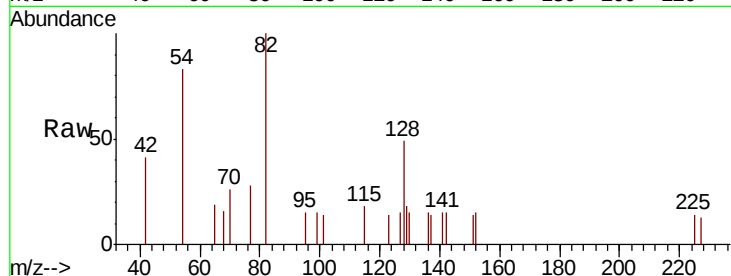
Tot Ion: 82 Resp: 1192

Ion Ratio Lower Upper

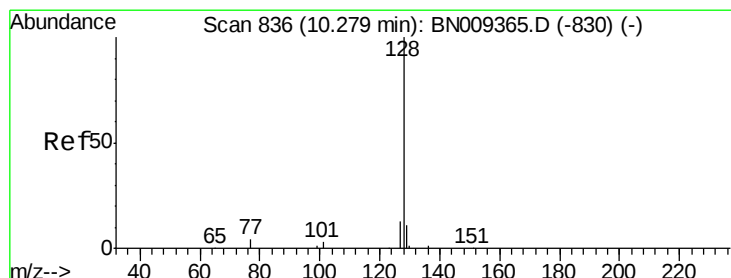
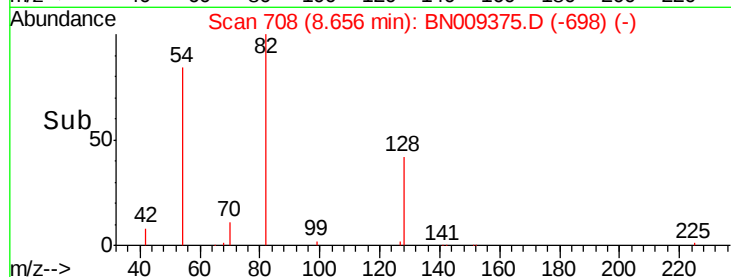
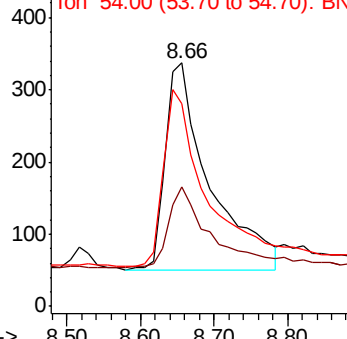
82 100

128 49.0 34.8 52.2

54 83.4 65.8 98.6



Abundance Ion 82.00 (81.70 to 82.70): BN009365.D (-701) (-)



#9

Naphthalene

Concen: 0.087 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

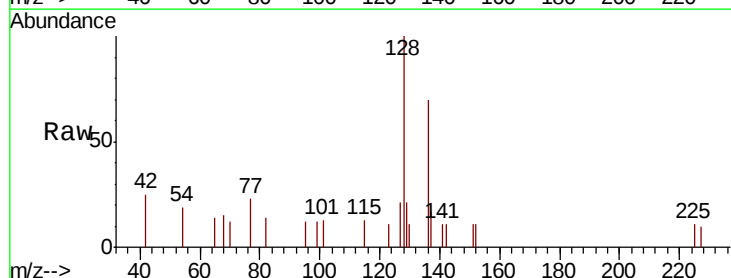
Tgt Ion: 128 Resp: 1100

Ion Ratio Lower Upper

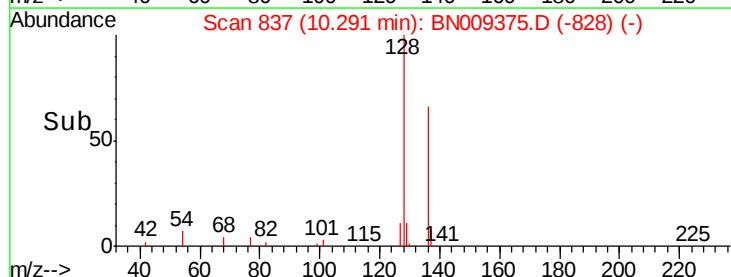
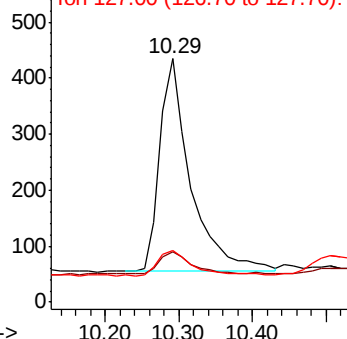
128 100

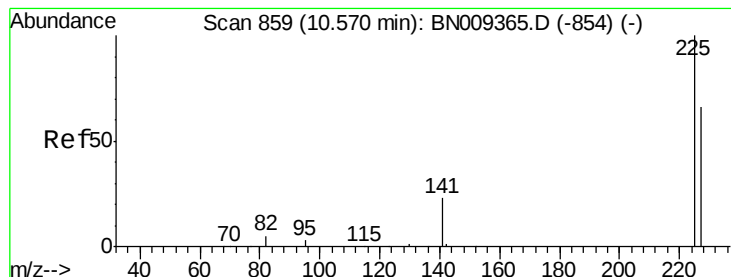
129 20.9 10.4 15.6#

127 21.1 11.4 17.2#



Abundance Ion 128.00 (127.70 to 128.70): BN009365.D (-830) (-)





#10

Hexachlorobutadiene

Concen: 0.085 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

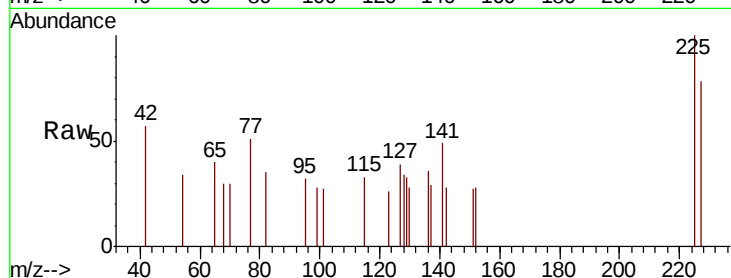
Tot Ion:225 Resp: 236

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

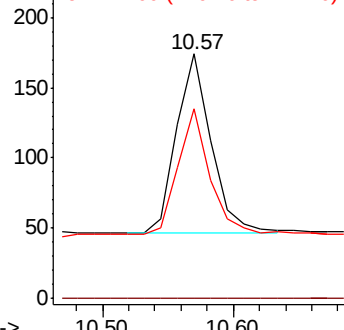
227 64.0 52.6 78.8



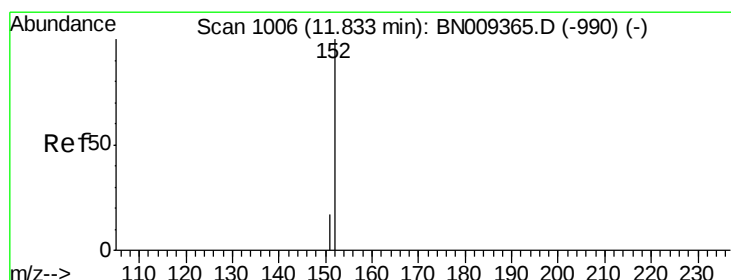
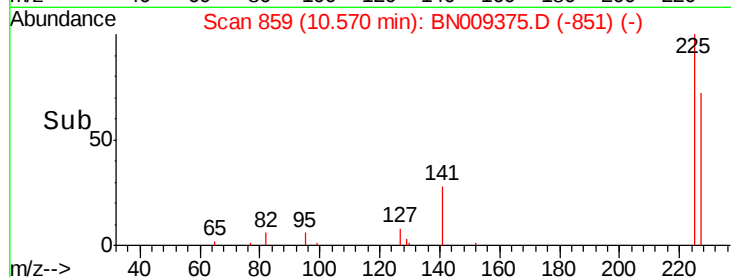
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.297 ng

RT: 11.85 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BN009375.D

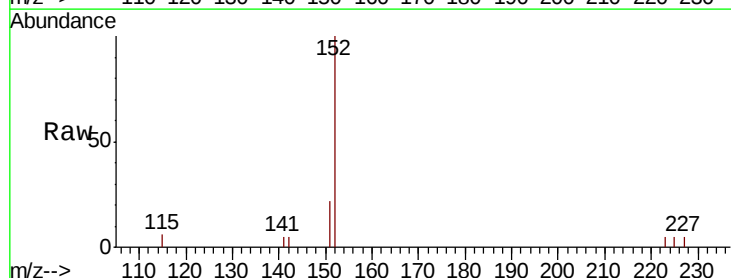
Acq: 15 Jan 2020 12:23

Tgt Ion:152 Resp: 2683

Ion Ratio Lower Upper

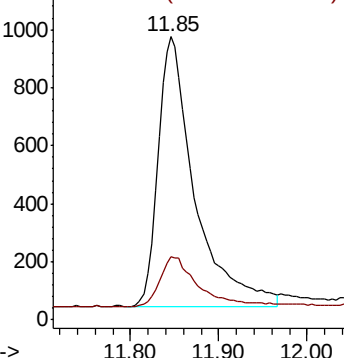
152 100

151 18.5 14.8 22.2

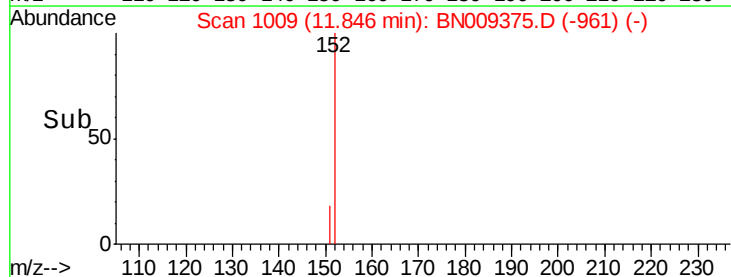


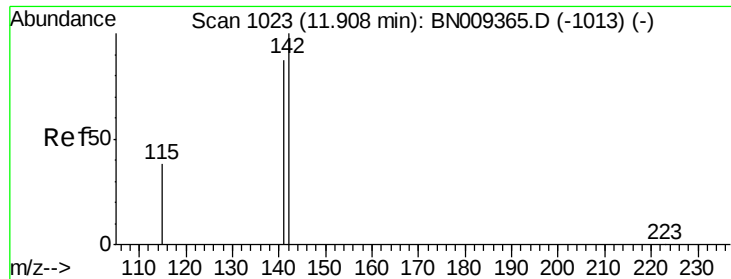
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->

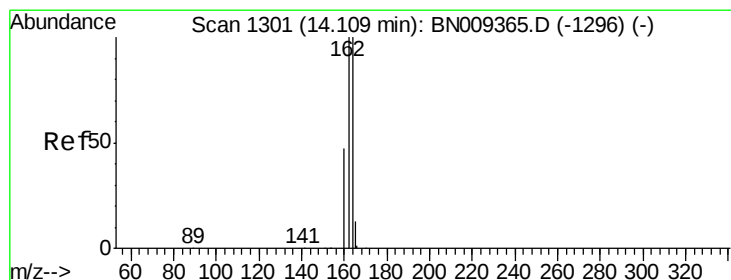
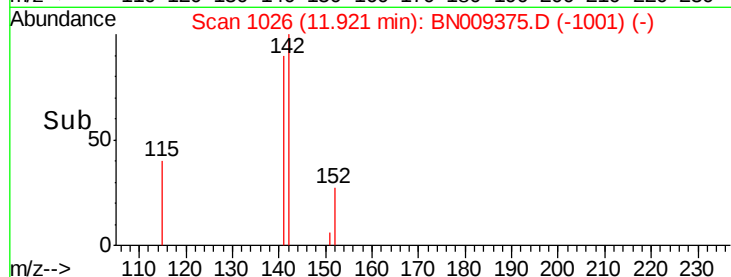
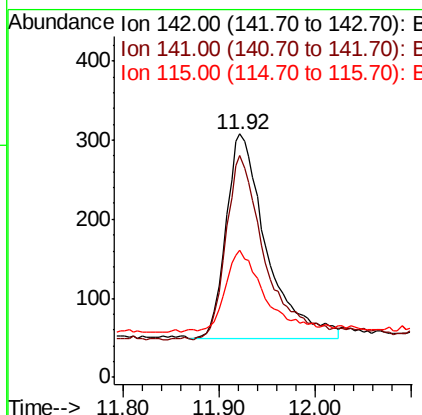
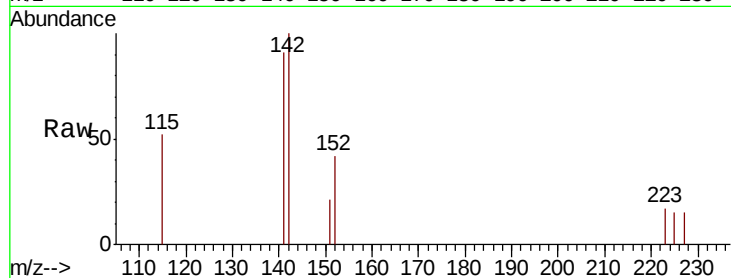




#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 11.92 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

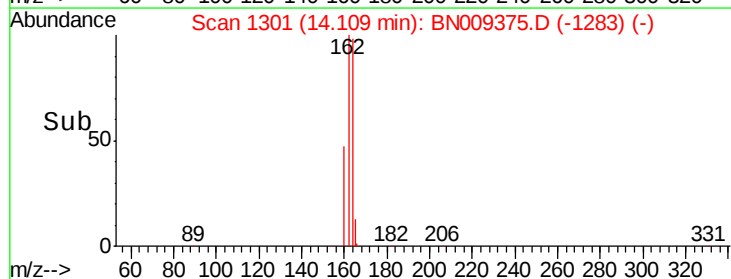
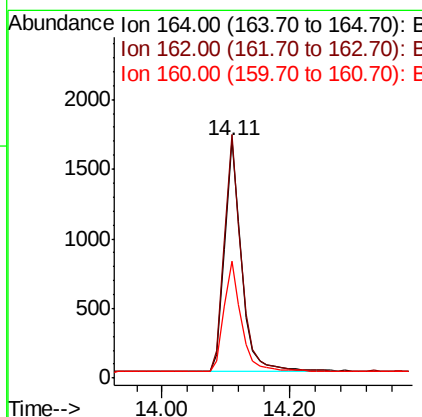
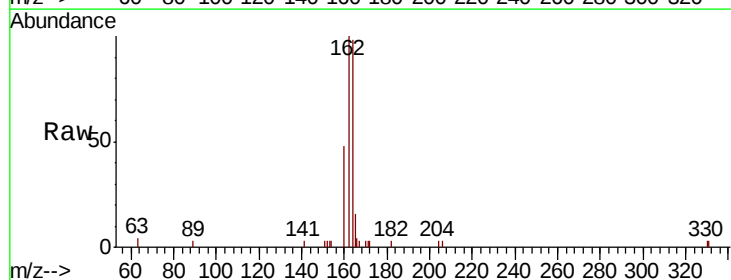
Instrument :
BNA_N
ClientSampleId :

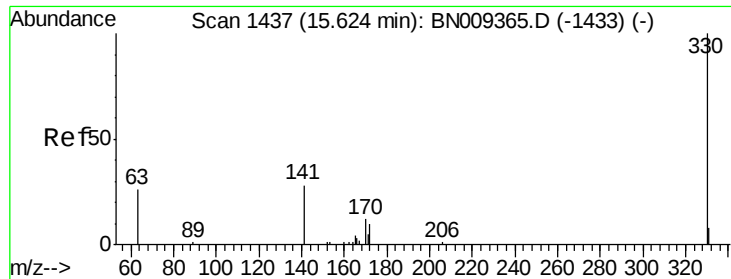
Tot Ion:142 Resp: 759
Ion Ratio Lower Upper
142 100
141 91.2 69.8 104.6
115 52.3 32.5 48.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:164 Resp: 3058
Ion Ratio Lower Upper
164 100
162 102.2 79.8 119.6
160 49.2 38.4 57.6

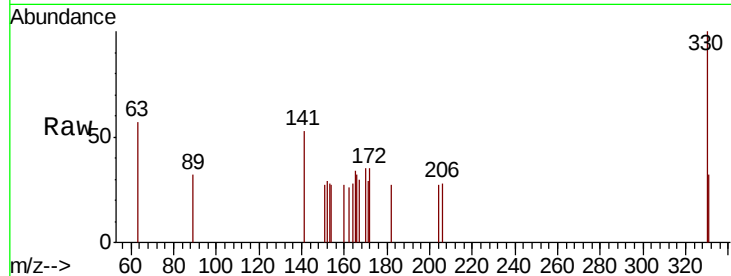




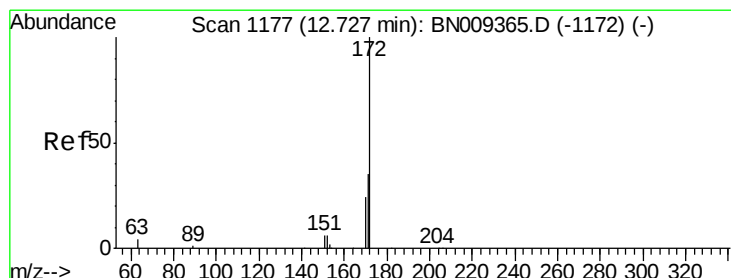
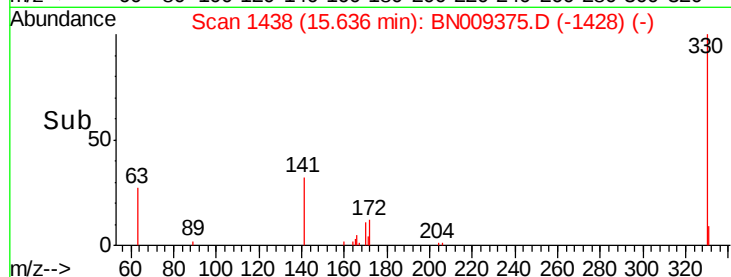
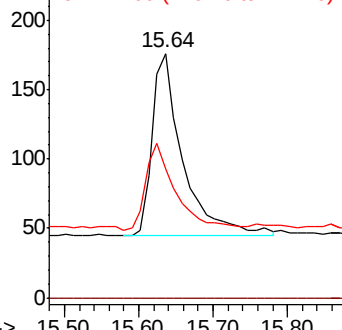
#14
 2,4,6-Tribromophenol
 Concen: 0.323 ng
 RT: 15.64 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 373
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 46.1 33.1 49.7

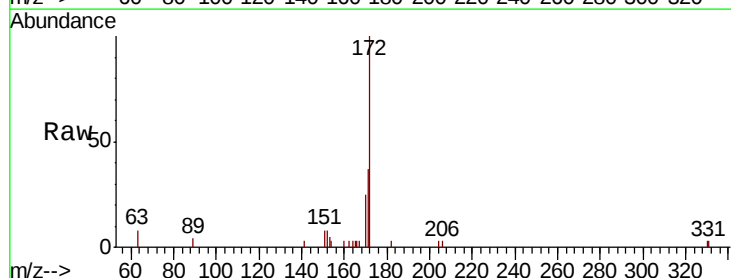


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

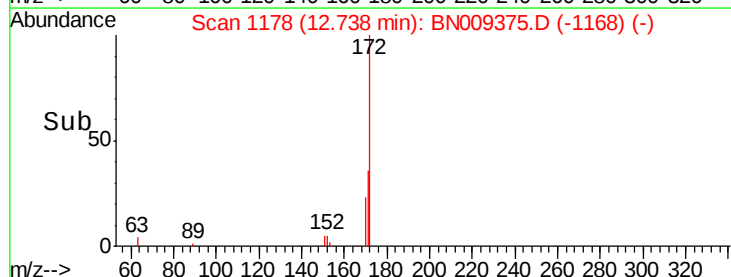
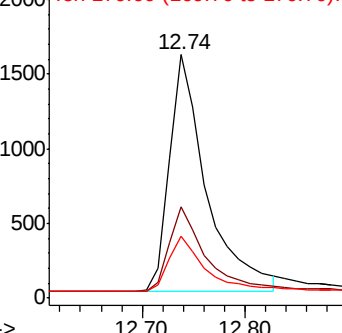


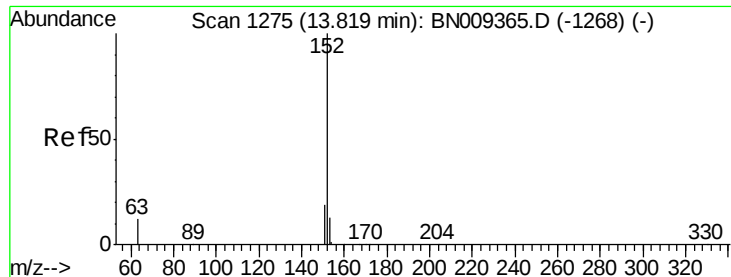
#15
 2-Fluorobiphenyl
 Concen: 0.346 ng
 RT: 12.74 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

Tgt Ion:172 Resp: 3955
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.5 44.3
 170 25.4 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.079 ng

RT: 13.83 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

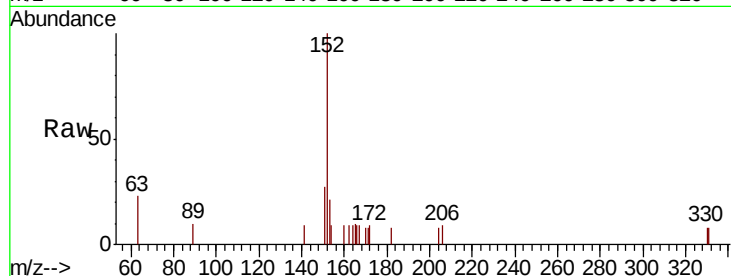
Tot Ion:152 Resp: 1043

Ion Ratio Lower Upper

152 100

151 20.2 15.4 23.2

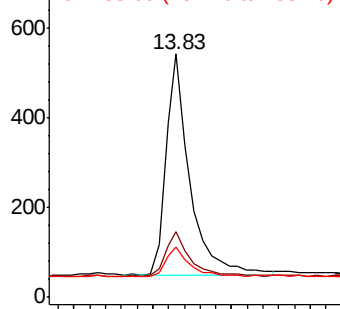
153 12.9 10.4 15.6



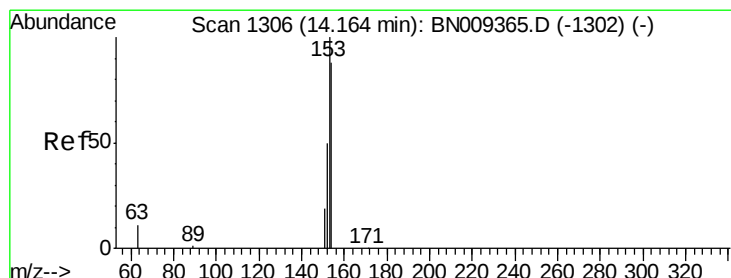
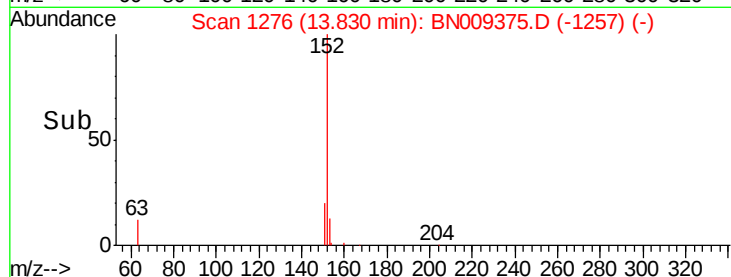
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#17

Acenaphthene

Concen: 0.084 ng

RT: 14.18 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

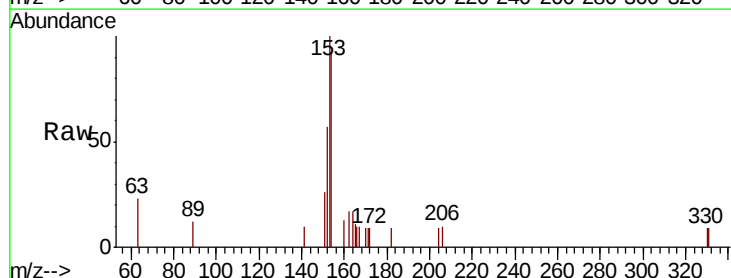
Tgt Ion:154 Resp: 780

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

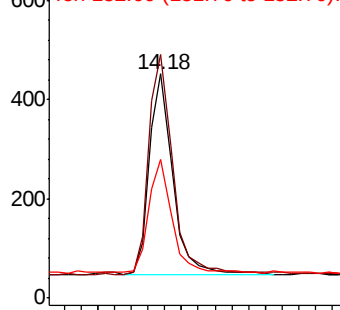
152 57.6 45.3 67.9



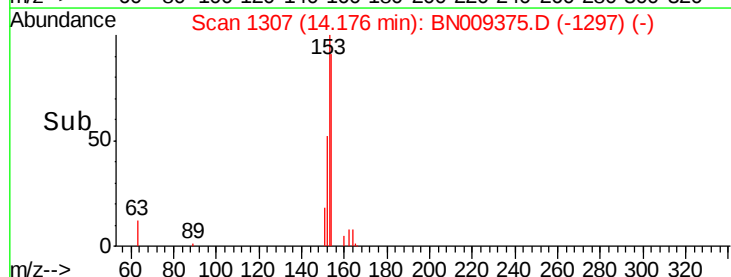
Abundance Ion 154.00 (153.70 to 154.70): E

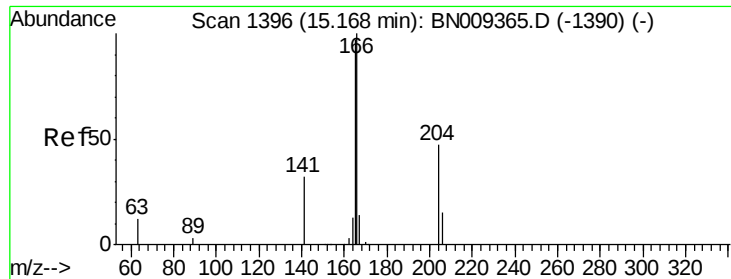
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





#18

Fluorene

Concen: 0.083 ng

RT: 15.18 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

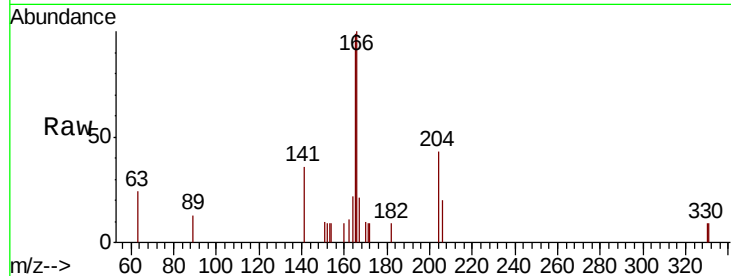
Tot Ion:166 Resp: 999

Ion Ratio Lower Upper

166 100

165 98.7 78.2 117.2

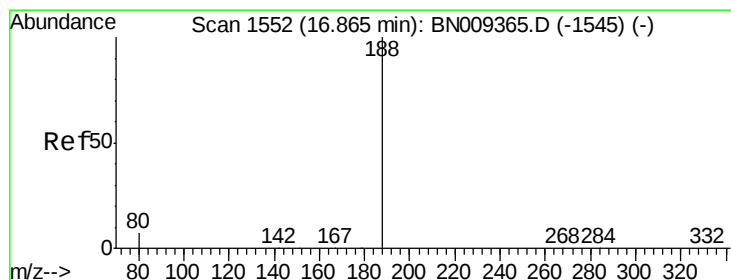
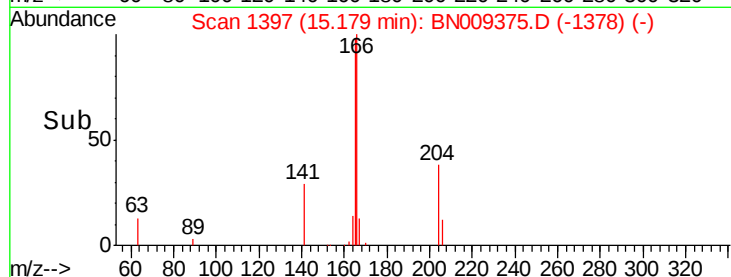
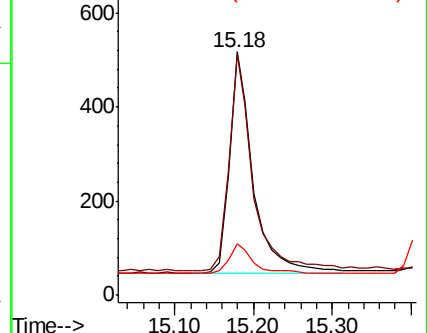
167 14.3 11.0 16.6



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: 16.86 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

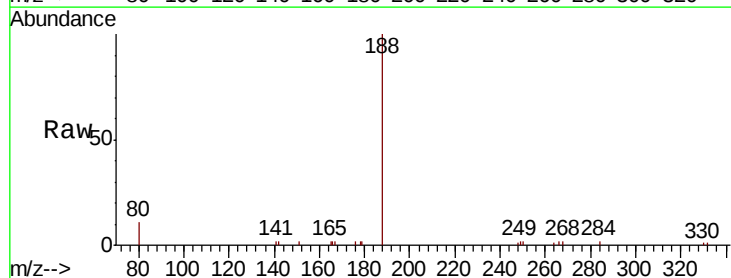
Tgt Ion:188 Resp: 6842

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

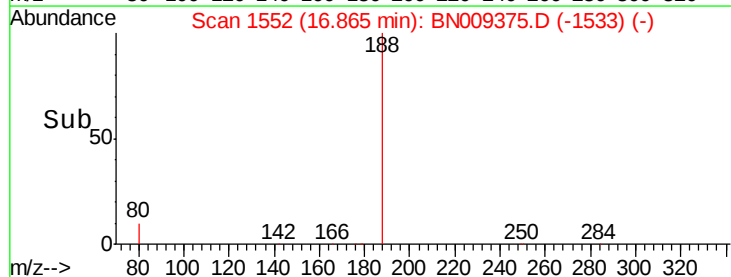
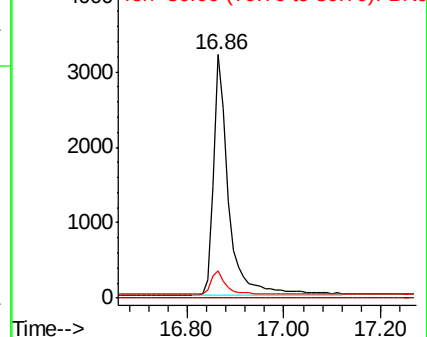
80 11.5 6.6 10.0#

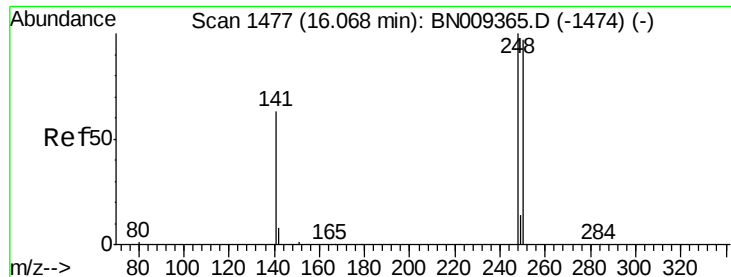


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

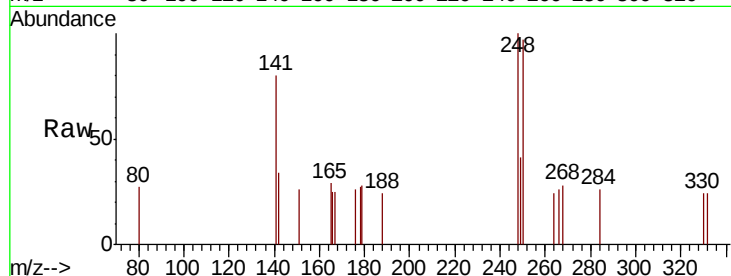




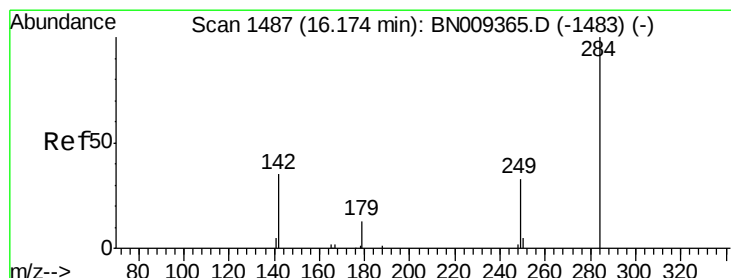
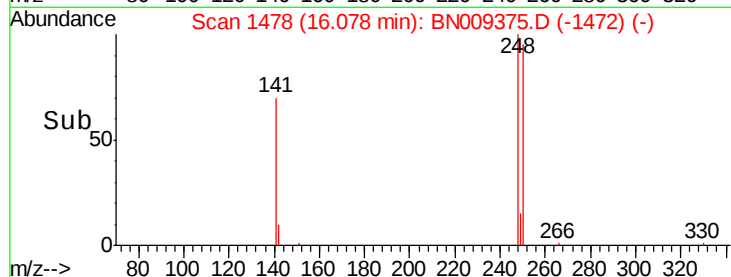
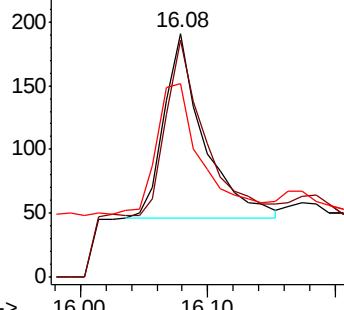
#20
4-Bromophenyl-phenylether
Concen: 0.076 ng
RT: 16.08 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 312
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.8
141 79.6 53.4 80.0

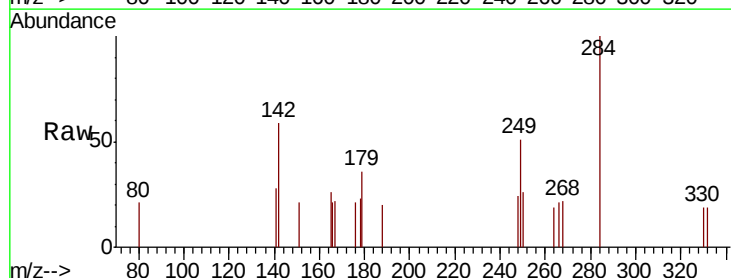


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

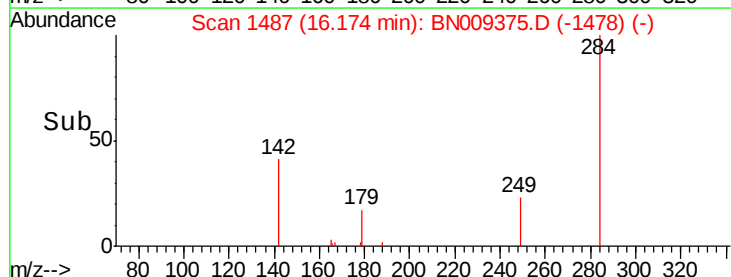
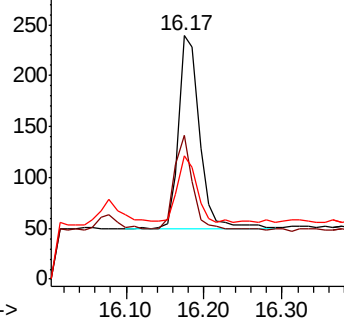


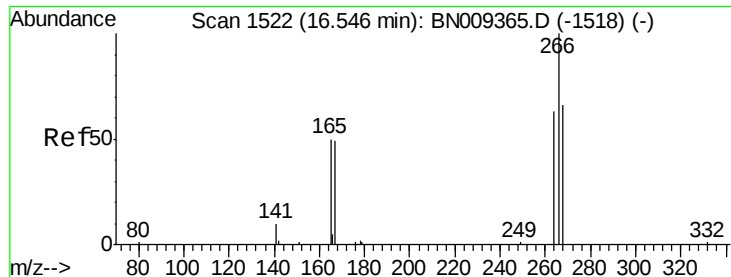
#21
Hexachlorobenzene
Concen: 0.084 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:284 Resp: 367
Ion Ratio Lower Upper
284 100
142 43.3 33.8 50.8
249 28.9 27.0 40.4



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

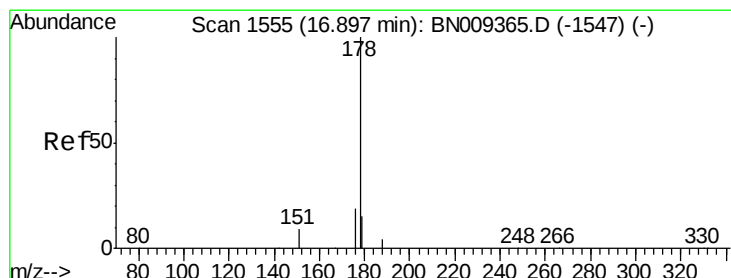
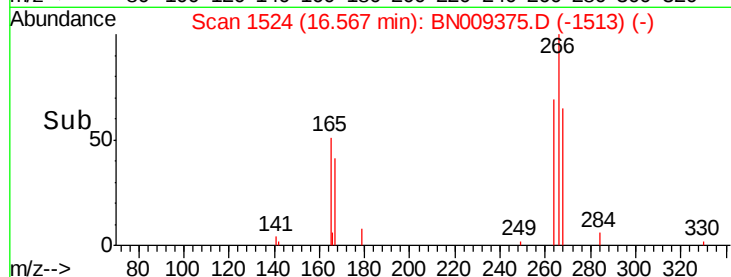
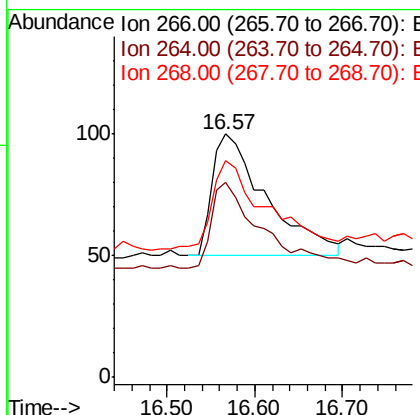
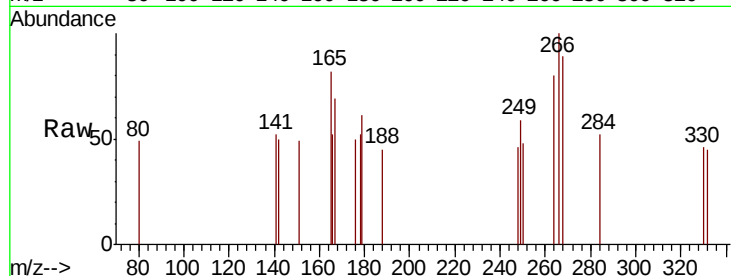




#22
 Pentachlorophenol
 Concen: 0.174 ng
 RT: 16.57 min Scan# 1524
 Delta R.T. 0.02 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

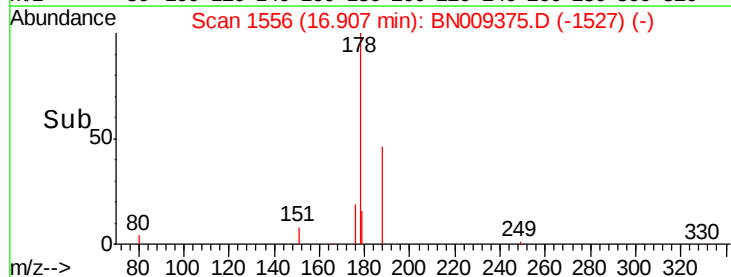
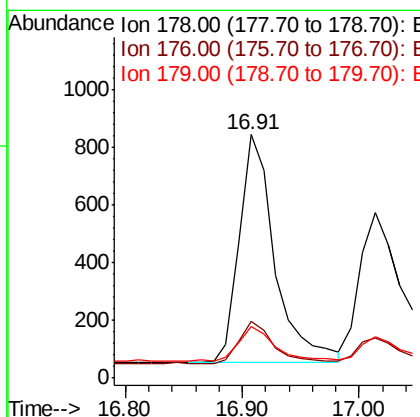
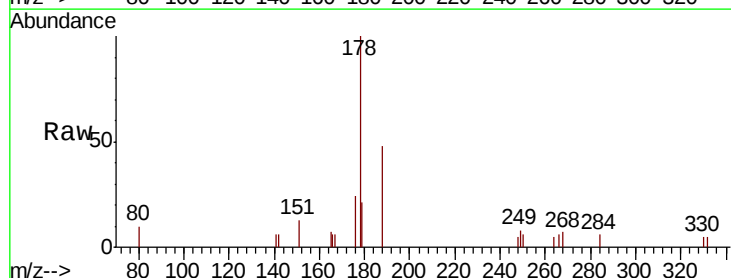
Instrument :
 BNA_N
 ClientSampleId :

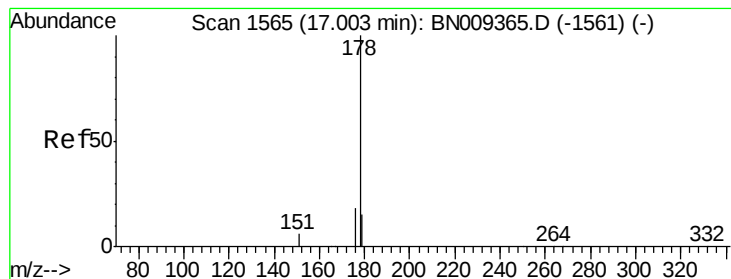
Tot Ion:266 Resp: 214
 Ion Ratio Lower Upper
 266 100
 264 80.0 57.8 86.6
 268 89.0 63.8 95.6



#23
 Phenanthrene
 Concen: 0.081 ng
 RT: 16.91 min Scan# 1556
 Delta R.T. 0.01 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

Tgt Ion:178 Resp: 1672
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.0 22.4
 179 16.1 12.3 18.5





#24

Anthracene

Concen: 0.077 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

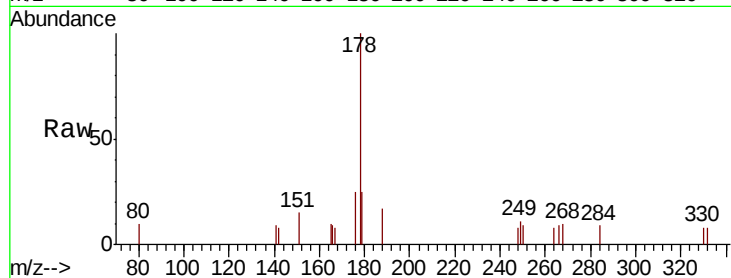
Tot Ion:178 Resp: 1330

Ion Ratio Lower Upper

178 100

176 17.6 14.6 21.8

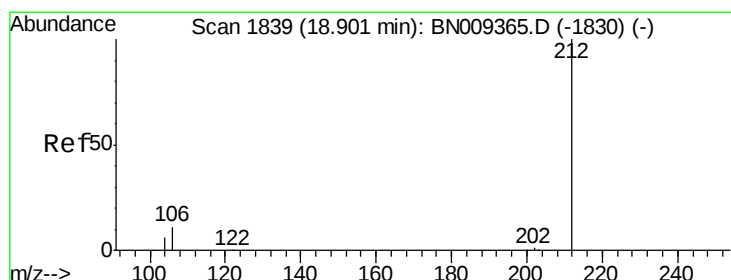
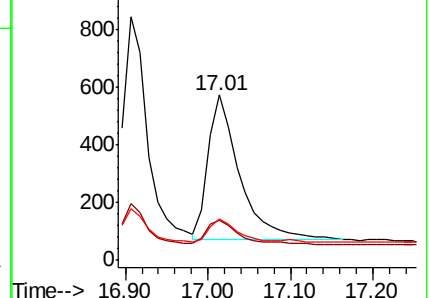
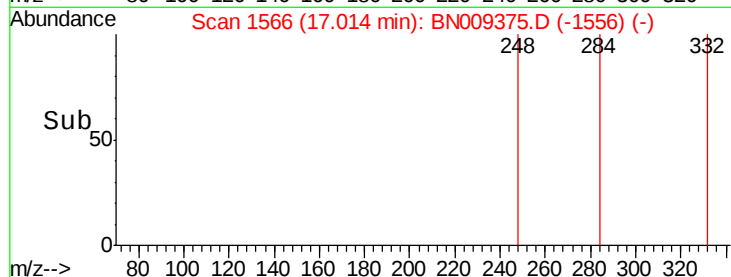
179 13.6 12.5 18.7



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: 0.306 ng

RT: 18.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

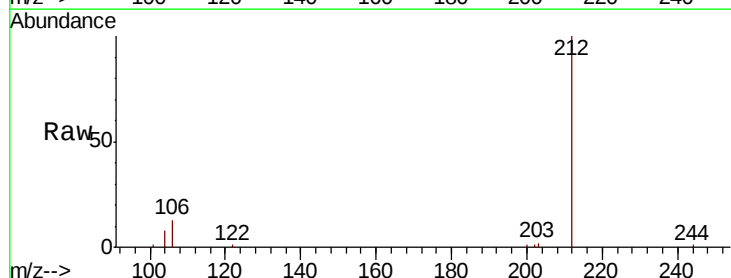
Tgt Ion:212 Resp: 7176

Ion Ratio Lower Upper

212 100

106 11.3 9.2 13.8

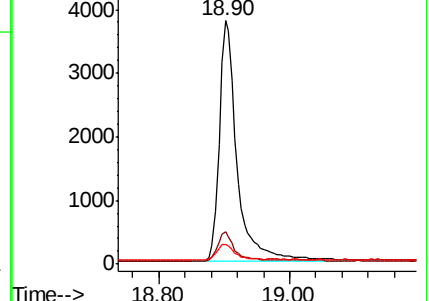
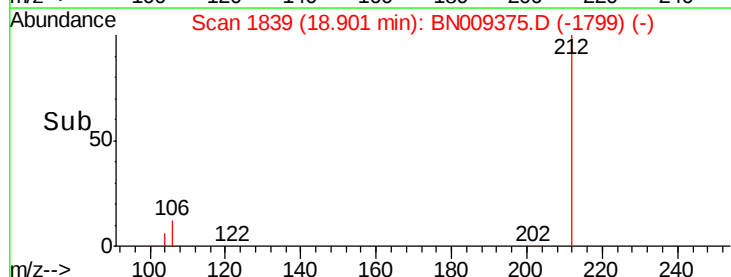
104 6.5 5.4 8.0

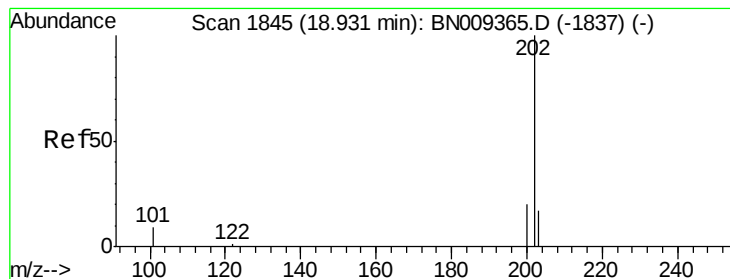


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.083 ng

RT: 18.94 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampled :

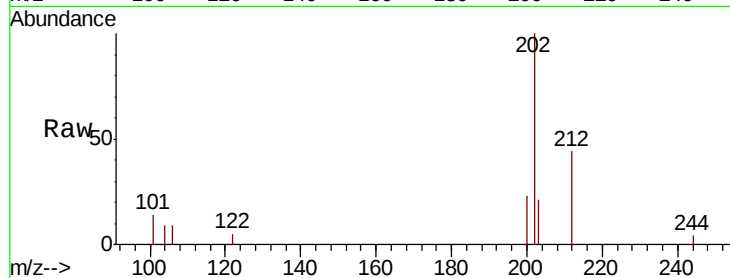
Tot Ion:202 Resp: 2011

Ion Ratio Lower Upper

202 100

101 10.5 8.0 12.0

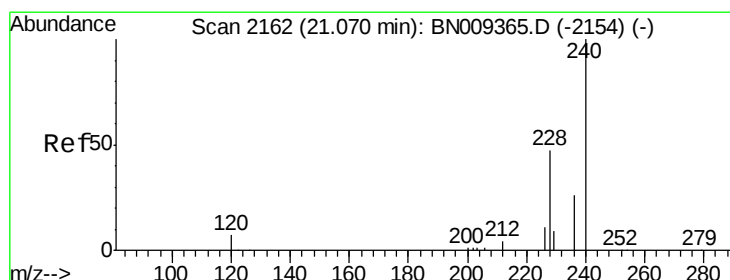
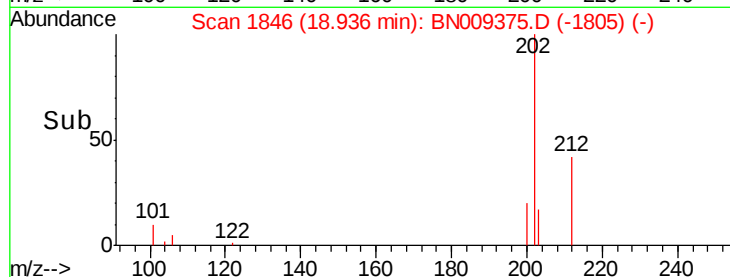
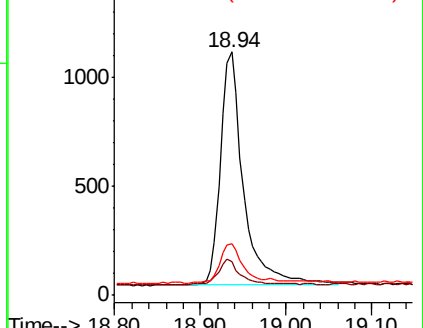
203 17.9 13.5 20.3



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: 21.07 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

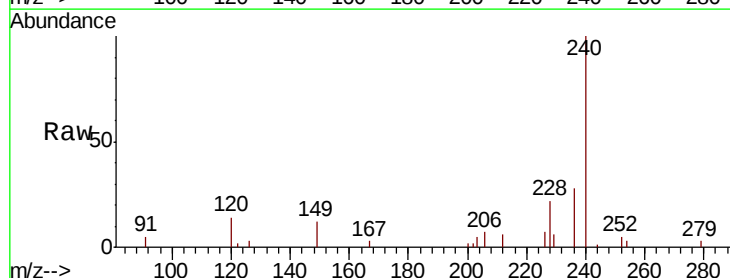
Tgt Ion:240 Resp: 5906

Ion Ratio Lower Upper

240 100

120 13.9 8.1 12.1#

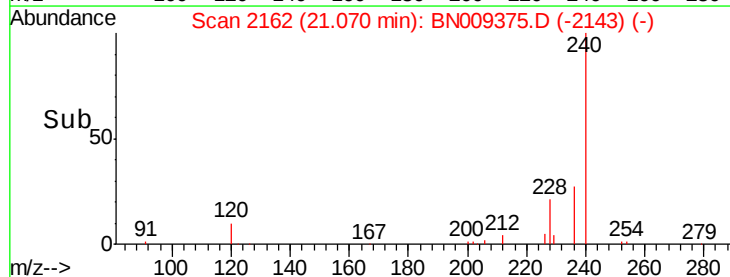
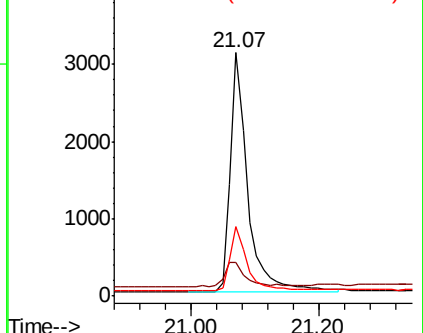
236 28.4 22.2 33.4

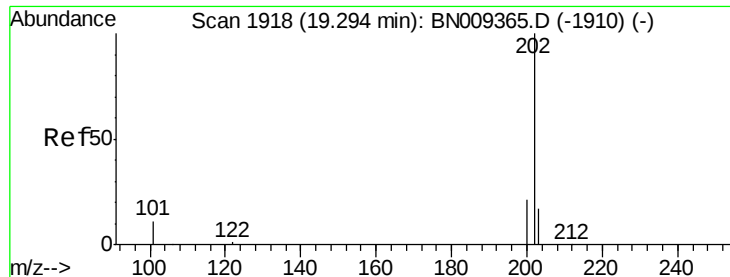


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.089 ng

RT: 19.30 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

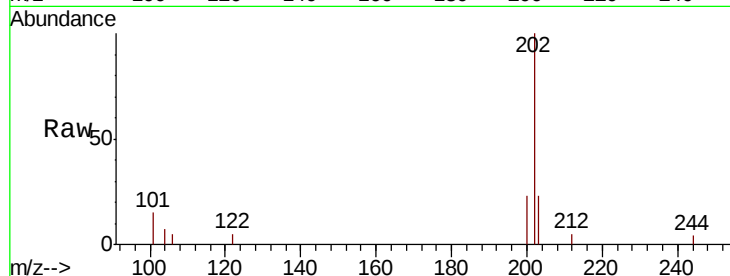
Tot Ion:202 Resp: 2000

Ion Ratio Lower Upper

202 100

200 20.9 16.2 24.2

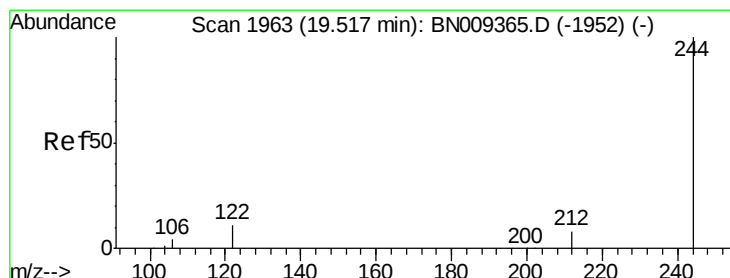
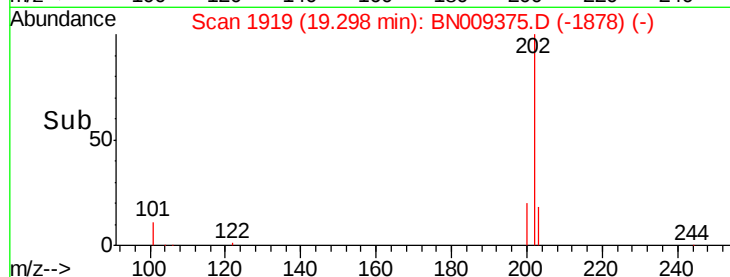
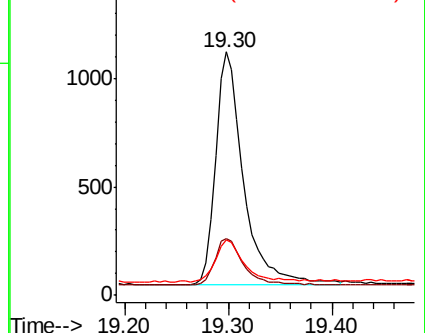
203 18.4 14.1 21.1



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



#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

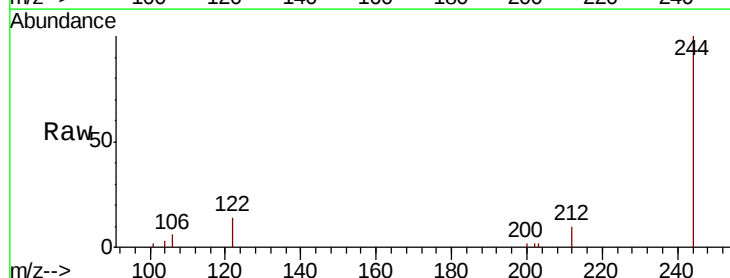
Tgt Ion:244 Resp: 5672

Ion Ratio Lower Upper

244 100

212 9.9 7.5 11.3

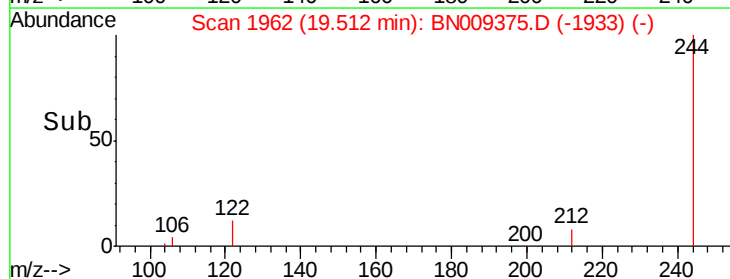
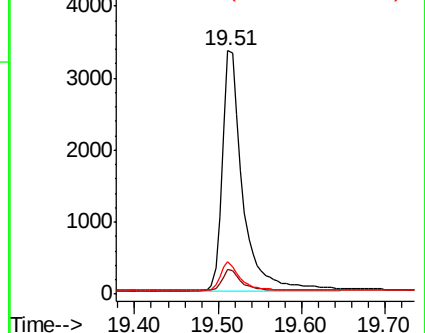
122 13.5 9.8 14.6

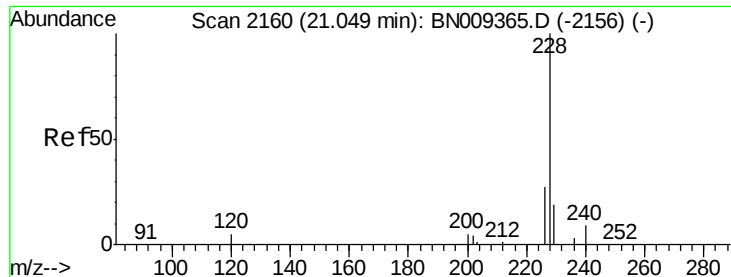


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.076 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

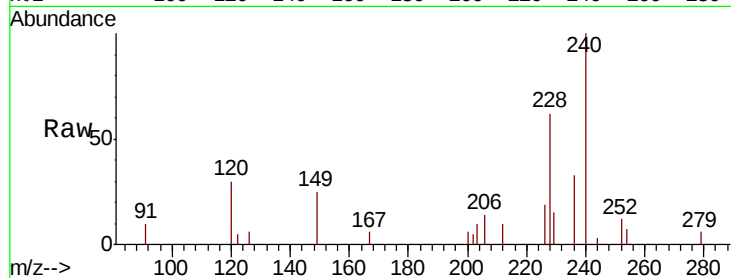
Tot Ion:228 Resp: 1473

Ion Ratio Lower Upper

228 100

226 31.3 22.5 33.7

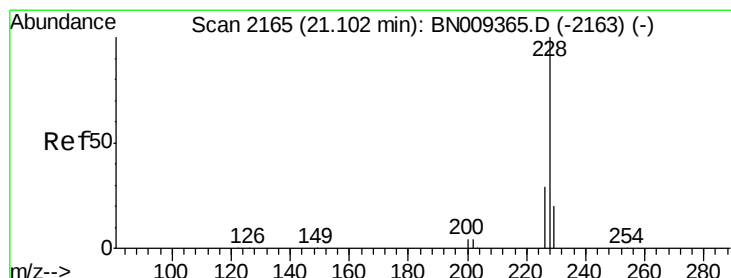
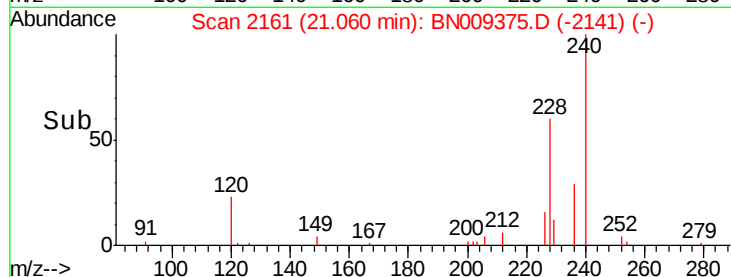
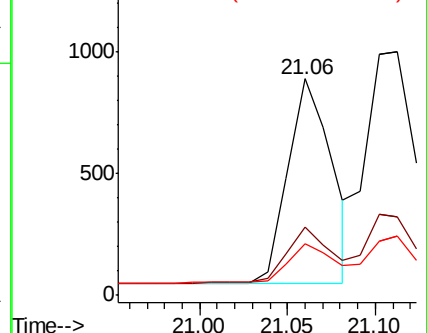
229 24.1 16.1 24.1



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: 0.093 ng

RT: 21.11 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

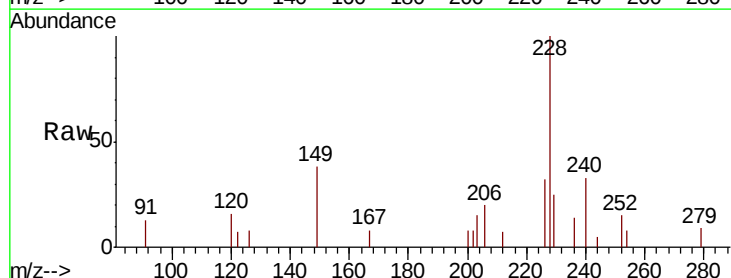
Tgt Ion:228 Resp: 2061

Ion Ratio Lower Upper

228 100

226 32.3 23.8 35.8

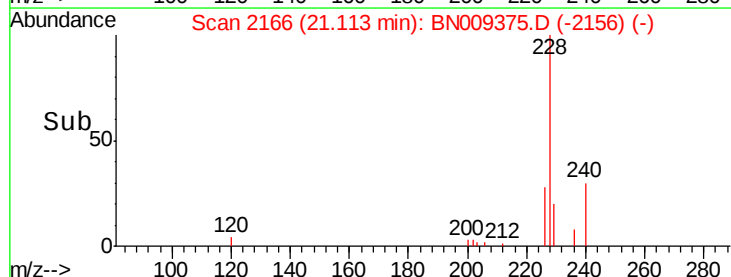
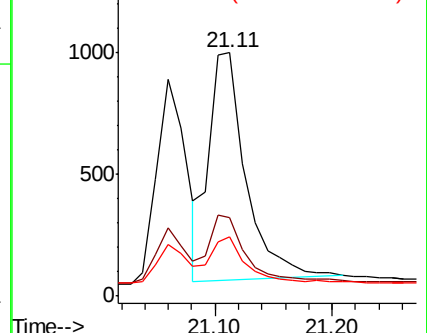
229 24.5 16.6 24.8

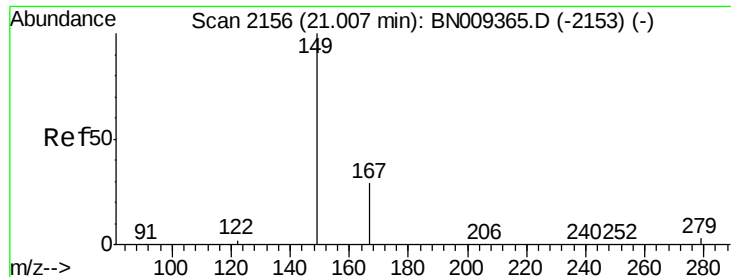


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.094 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

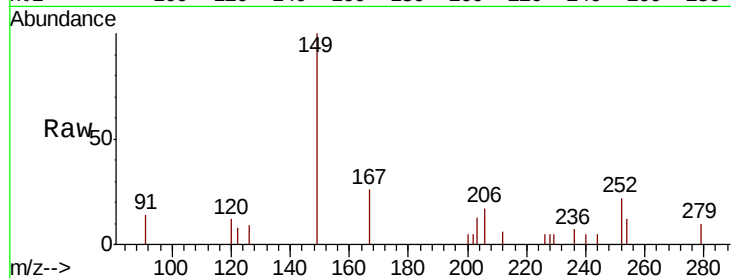
Tot Ion:149 Resp: 809

Ion Ratio Lower Upper

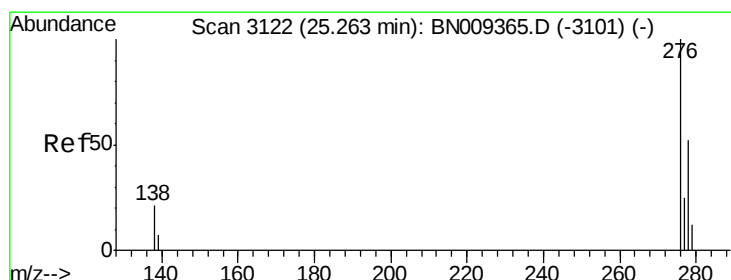
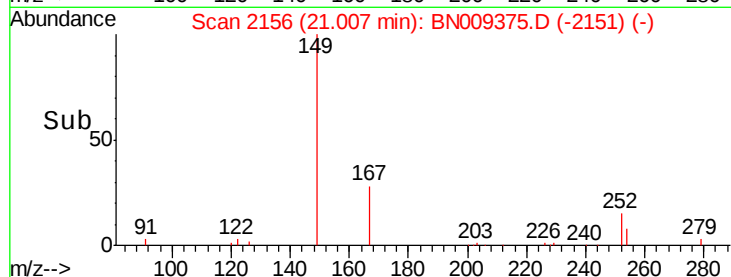
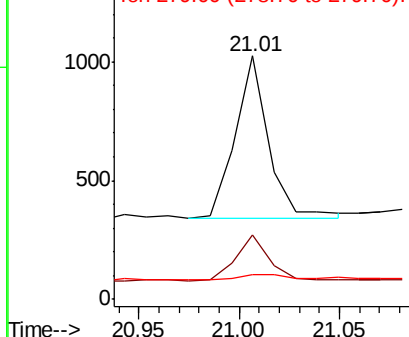
149 100

167 28.8 22.9 34.3

279 5.2 3.4 5.0#



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: 0.083 ng

RT: 25.29 min Scan# 3130

Delta R.T. 0.03 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

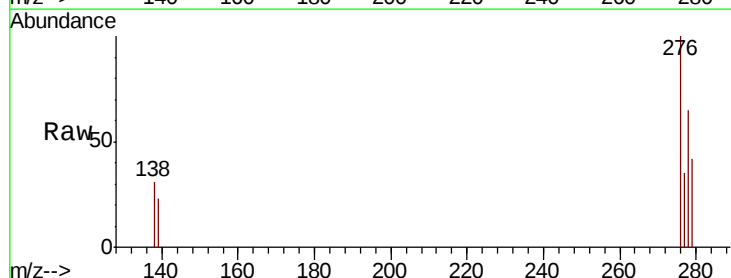
Tgt Ion:276 Resp: 1911

Ion Ratio Lower Upper

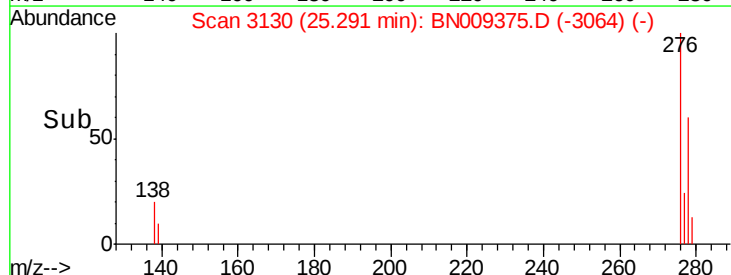
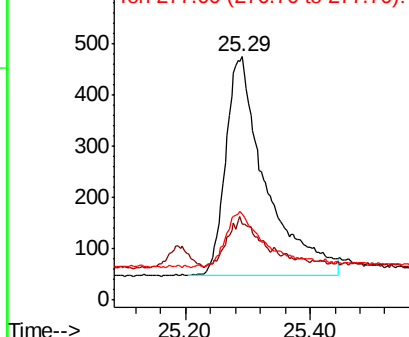
276 100

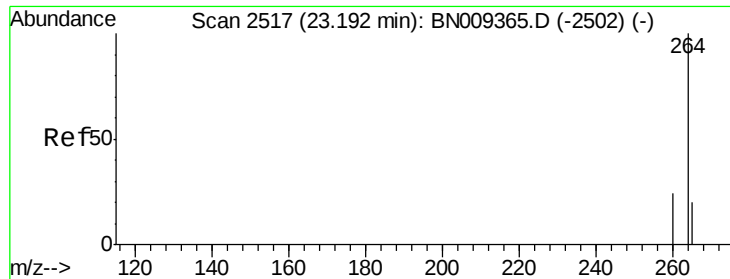
138 17.0 15.9 23.9

277 22.1 19.8 29.6



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

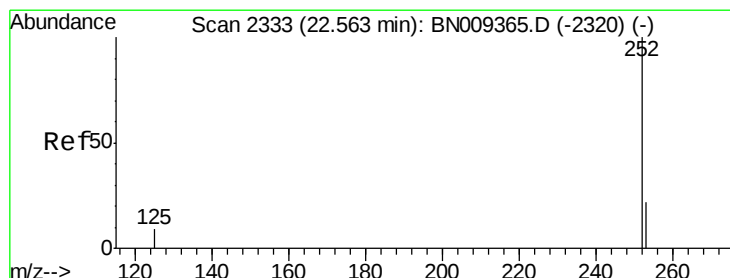
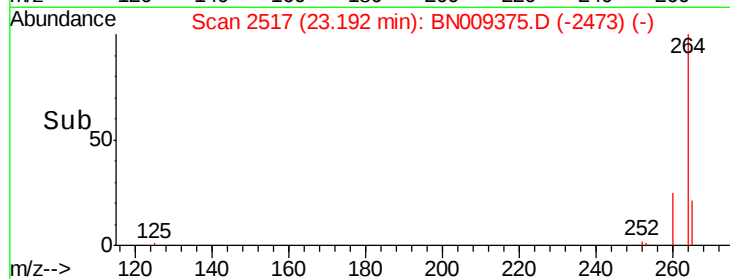
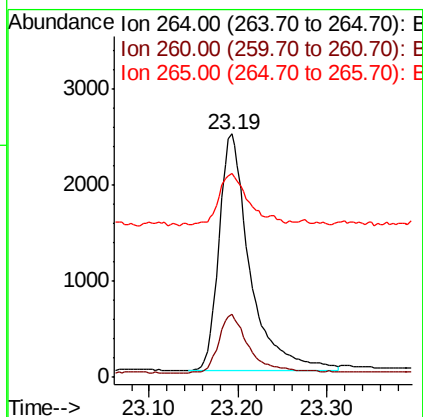
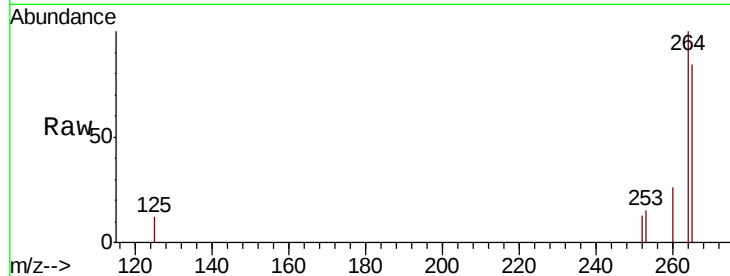




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.19 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

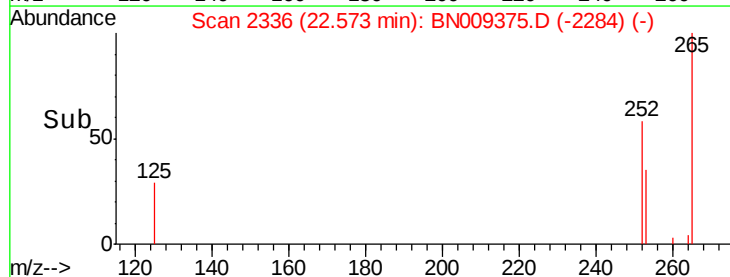
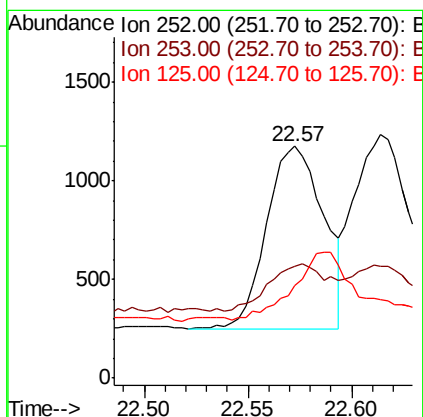
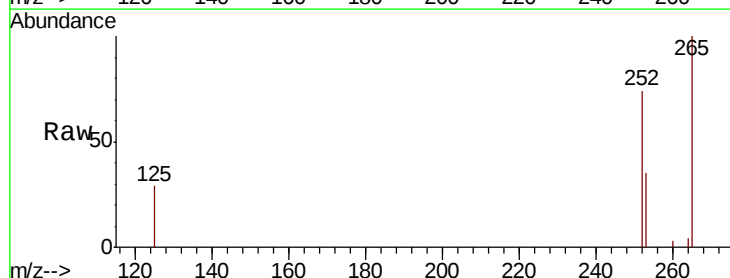
Instrument :
 BNA_N
 ClientSampleId :

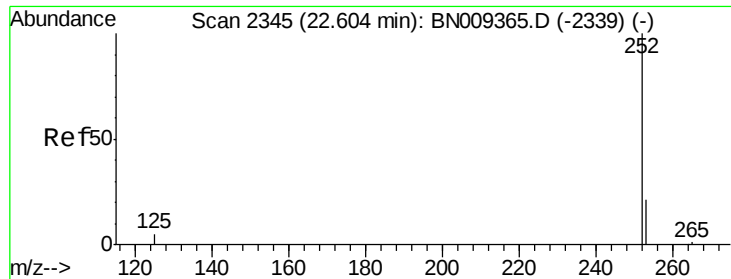
Tot Ion:264 Resp: 5980
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.1 30.1
 265 83.5 68.2 102.4



#35
 Benzo(b)fluoranthene
 Concen: 0.081 ng
 RT: 22.57 min Scan# 2336
 Delta R.T. 0.01 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

Tgt Ion:252 Resp: 1771
 Ion Ratio Lower Upper
 252 100
 253 48.2 22.4 33.6#
 125 39.8 11.6 17.4#

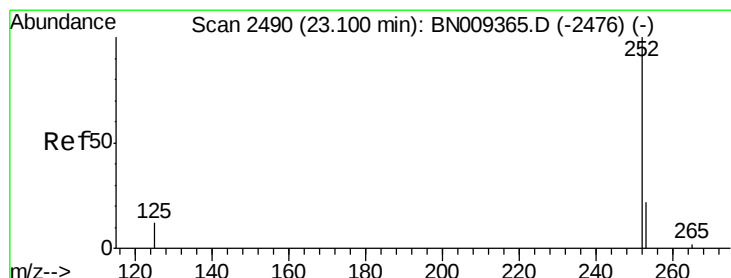
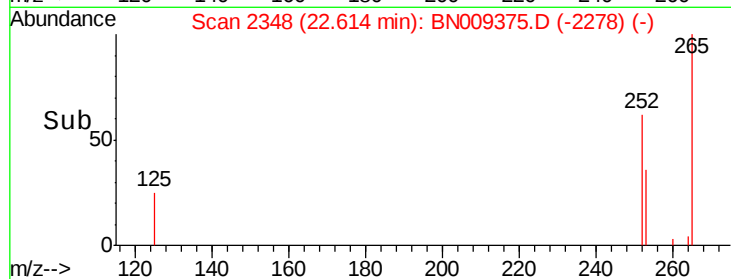
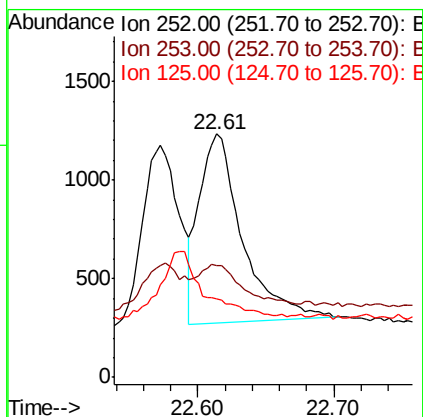
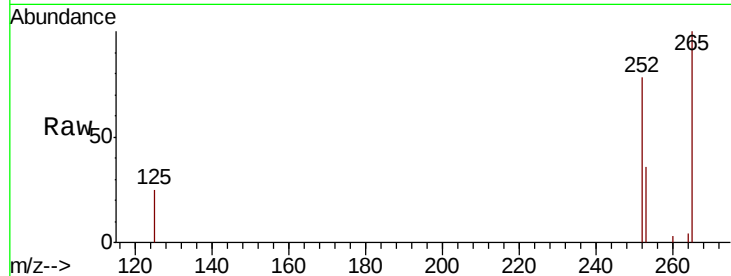




#36
Benzo(k)fluoranthene
Concen: 0.087 ng
RT: 22.61 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

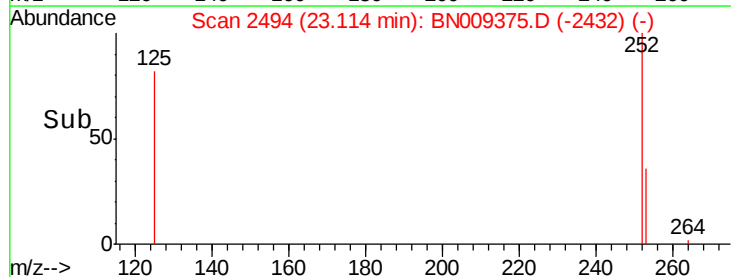
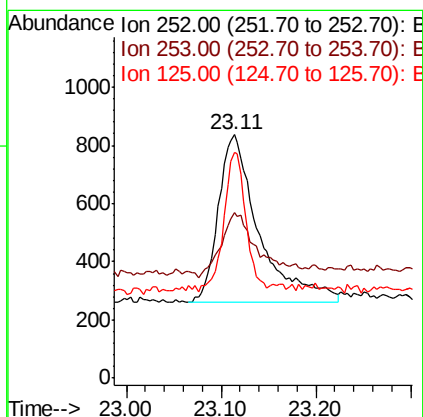
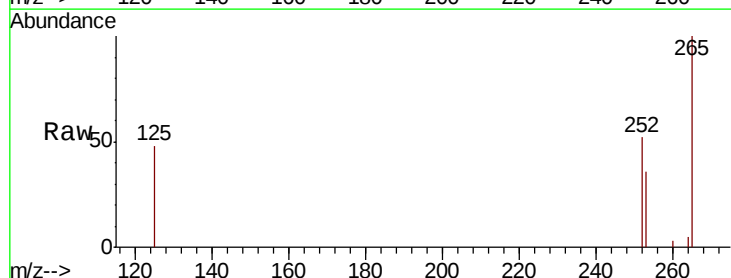
Instrument :
BNA_N
ClientSampleId :

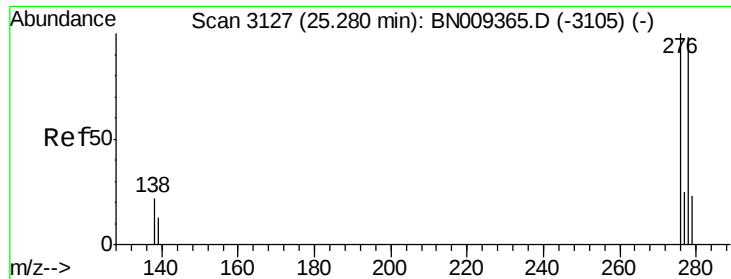
Tot Ion:252 Resp: 2106
Ion Ratio Lower Upper
252 100
253 45.7 21.9 32.9#
125 32.0 12.0 18.0#



#37
Benzo(a)pyrene
Concen: 0.090 ng
RT: 23.11 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:252 Resp: 1738
Ion Ratio Lower Upper
252 100
253 67.9 25.4 38.0#
125 92.5 16.2 24.2#





#38

Dibenzo(a,h)anthracene

Concen: 0.068 ng

RT: 25.30 min Scan# 3134

Delta R.T. 0.02 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

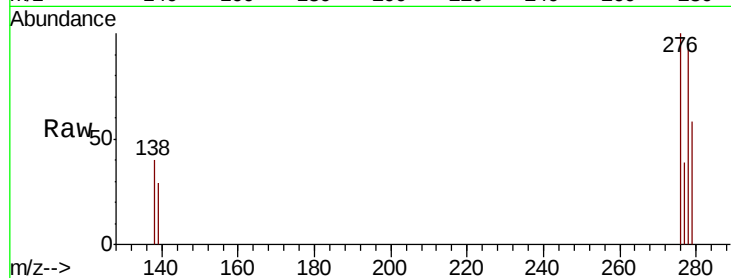
Tot Ion:278 Resp: 1329

Ion Ratio Lower Upper

278 100

139 30.4 14.5 21.7#

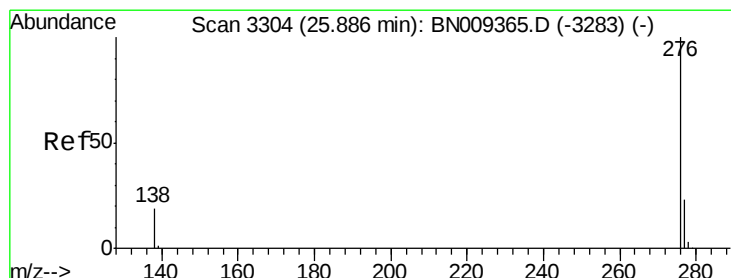
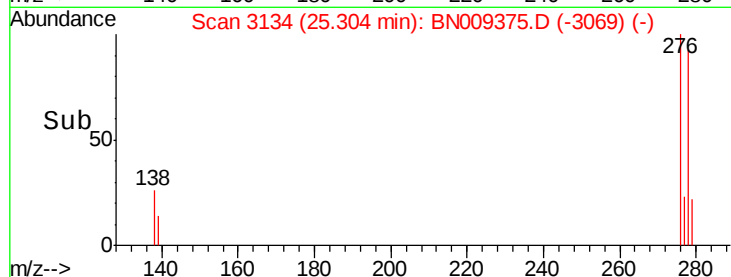
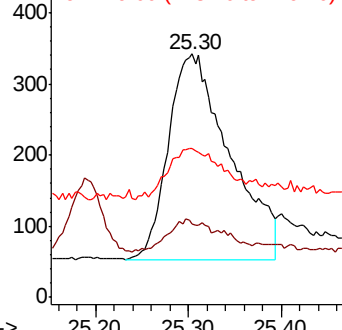
279 61.4 24.2 36.4#



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(g,h,i)perylene

Concen: 0.086 ng

RT: 25.91 min Scan# 3310

Delta R.T. 0.02 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

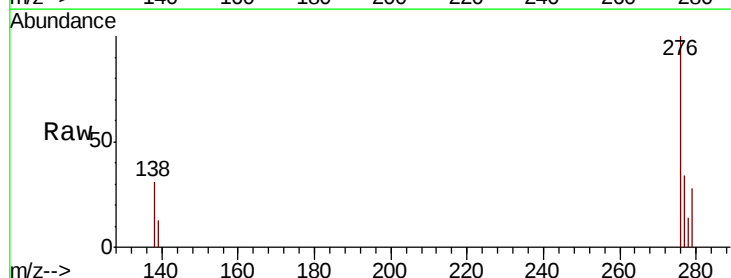
Tgt Ion:276 Resp: 1833

Ion Ratio Lower Upper

276 100

277 33.6 20.6 30.8#

138 30.9 17.1 25.7#



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

