

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
 Data File : BN009377.D
 Acq On : 15 Jan 2020 13:48
 Operator : JU
 Sample : K3591-07
 Misc : LOD-MDL-W-0.1NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 15 16:13:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 15 16:07:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1396	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4630	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	2923	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	6314	0.40	ng	0.00
27) Chrysene-d12	21.07	240	5621	0.40	ng	0.00
34) Perylene-d12	23.19	264	5948	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.12	112	1255	0.39	ng	0.00
5) Phenol-d6	6.68	99	1354	0.36	ng	0.00
8) Nitrobenzene-d5	8.64	82	1237	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	2729	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	329	0.30	ng	0.01
15) 2-Fluorobiphenyl	12.74	172	3897	0.36	ng	0.01
25) Fluoranthene-d10	18.90	212	6609	0.31	ng	0.00
29) Terphenyl-d14	19.52	244	5229	0.39	ng	0.00

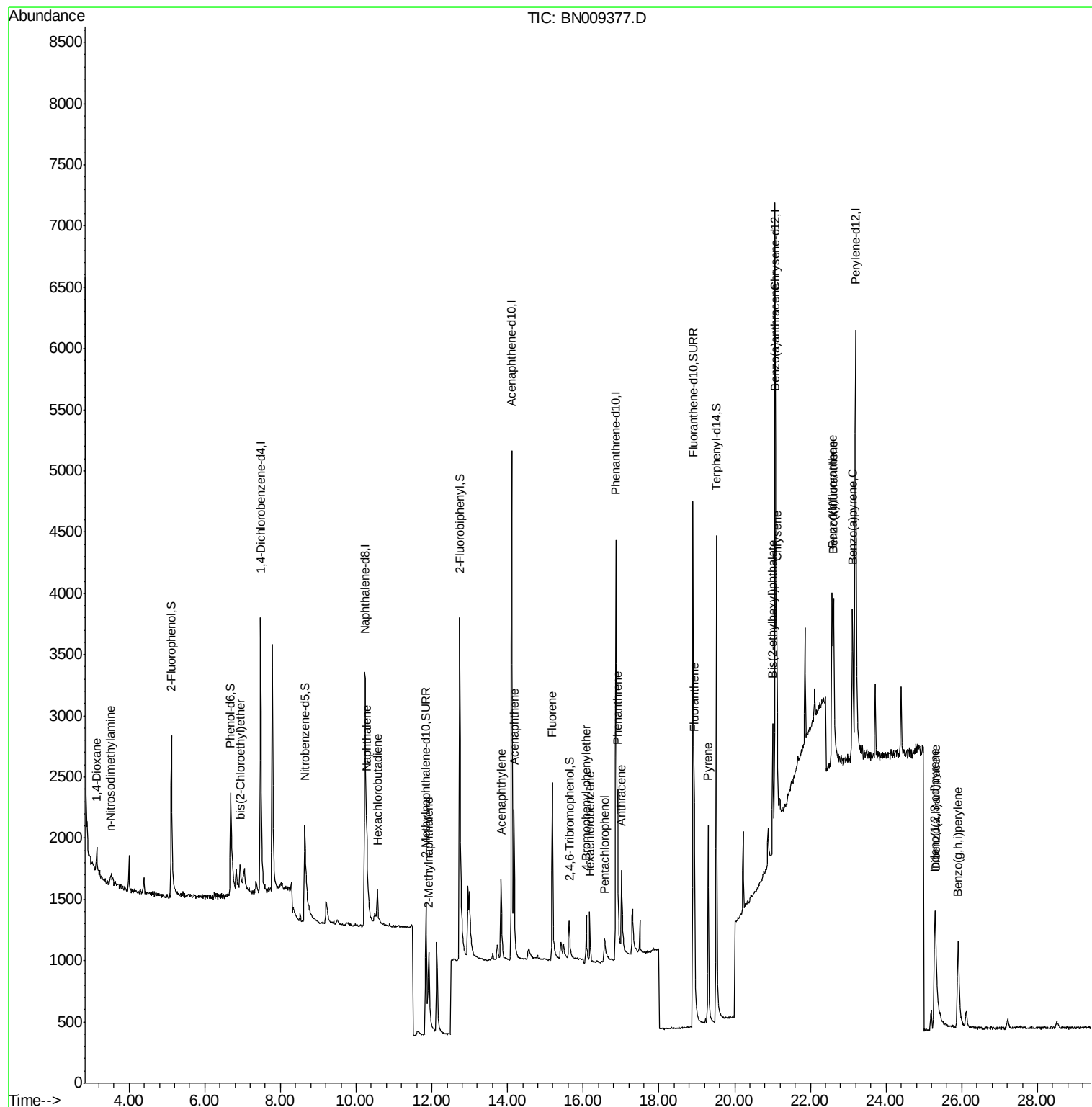
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.14	88	104	0.071	ng	# 81
3) n-Nitrosodimethylamine	3.51	42	125	0.056	ng	# 63
6) bis(2-Chloroethyl)ether	6.94	93	320	0.084	ng	# 85
9) Naphthalene	10.28	128	1134	0.091	ng	# 80
10) Hexachlorobutadiene	10.57	225	238	0.087	ng	# 93
12) 2-Methylnaphthalene	11.92	142	752	0.086	ng	94
16) Acenaphthylene	13.83	152	1006	0.080	ng	99
17) Acenaphthene	14.18	154	722	0.081	ng	95
18) Fluorene	15.18	166	923	0.080	ng	100
20) 4-Bromophenyl-phenylether	16.08	248	287	0.075	ng	93
21) Hexachlorobenzene	16.18	284	328	0.081	ng	94
22) Pentachlorophenol	16.56	266	208	0.183	ng	94
23) Phenanthrene	16.91	178	1536	0.081	ng	99
24) Anthracene	17.01	178	1206	0.076	ng	96
26) Fluoranthene	18.93	202	1844	0.083	ng	99
28) Pyrene	19.30	202	1888	0.089	ng	99
30) Benzo(a)anthracene	21.06	228	1402	0.076	ng	93
31) Chrysene	21.11	228	1997	0.094	ng	95
32) Bis(2-ethylhexyl)phthalate	21.01	149	740	0.091	ng	98
33) Indeno(1,2,3-cd)pyrene	25.28	276	1918	0.087	ng	92
35) Benzo(b)fluoranthene	22.57	252	1780	0.081	ng	# 57
36) Benzo(k)fluoranthene	22.61	252	2207	0.091	ng	# 61
37) Benzo(a)pyrene	23.11	252	1741	0.090	ng	# 6
38) Dibenzo(a,h)anthracene	25.31	278	1401	0.072	ng	# 57
39) Benzo(g,h,i)perylene	25.91	276	1874	0.088	ng	# 84

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
Data File : BN009377.D
Acq On : 15 Jan 2020 13:48
Operator : JU
Sample : K3591-07
Misc : LOD-MDL-W-0.1NG
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 15 16:13:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 15 16:07:02 2020
Response via : Initial Calibration



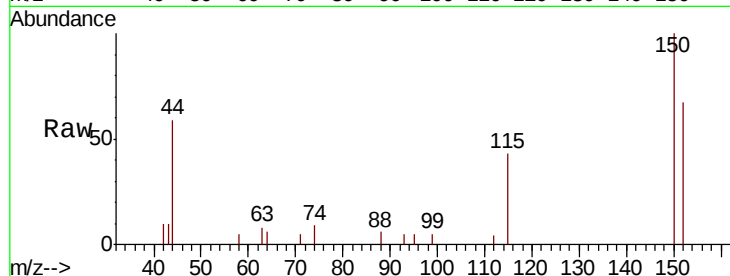


#1

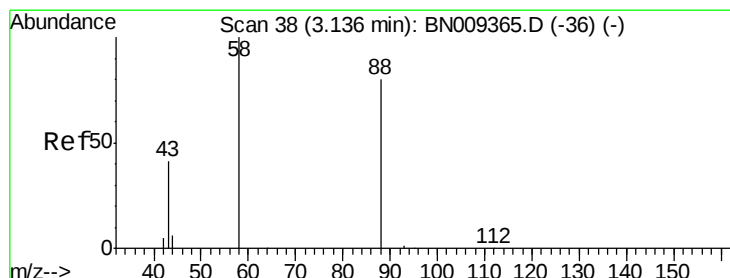
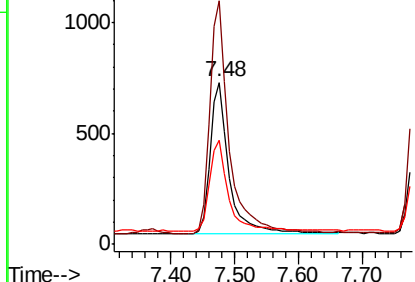
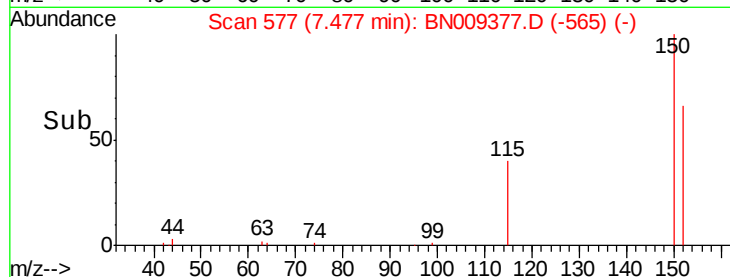
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 1396
Ion Ratio Lower Upper
152 100
150 150.3 125.7 188.5
115 64.4 53.3 79.9



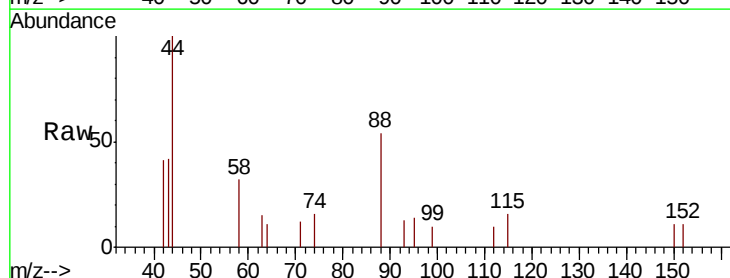
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



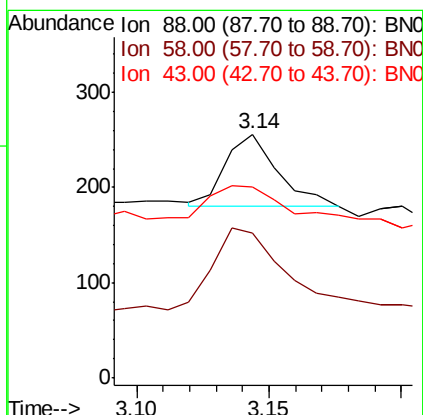
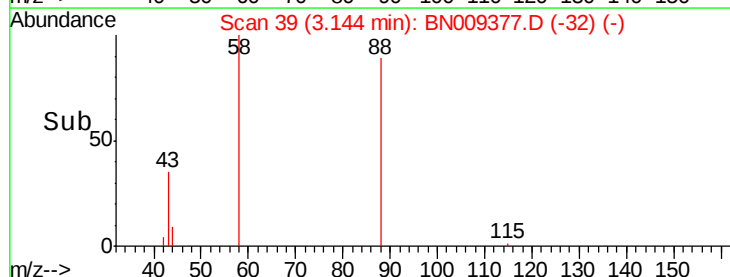
#2

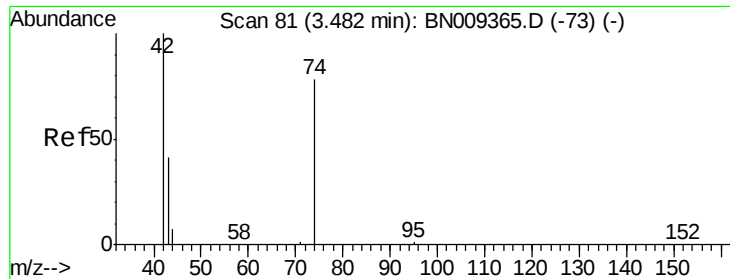
1,4-Dioxane
Concen: 0.071 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 88 Resp: 104
Ion Ratio Lower Upper
88 100
58 151.0 100.2 150.2#
43 60.6 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

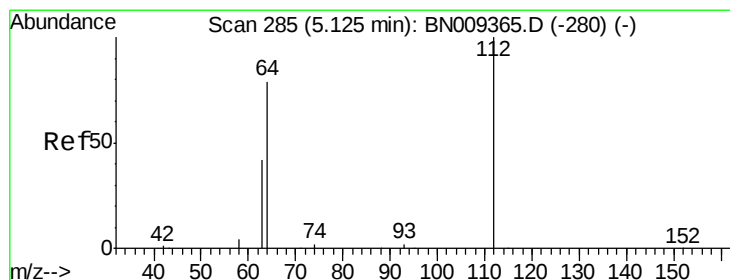
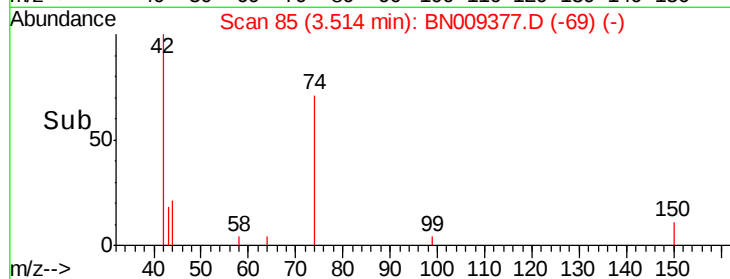
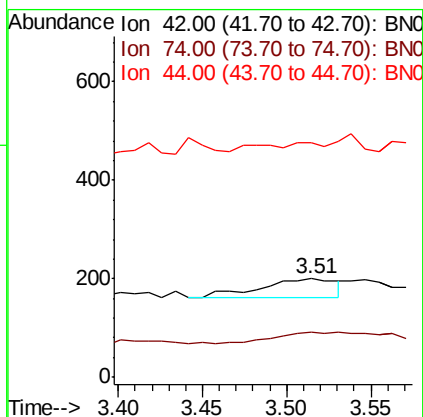
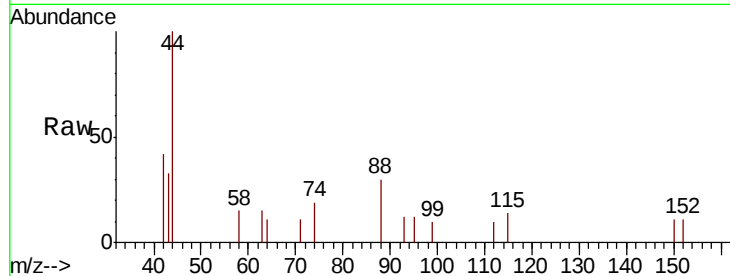




#3
 n-Nitrosodimethylamine
 Concen: 0.056 ng
 RT: 3.51 min Scan# 85
 Delta R.T. 0.03 min
 Lab File: BN009377.D
 Acq: 15 Jan 2020 13:48

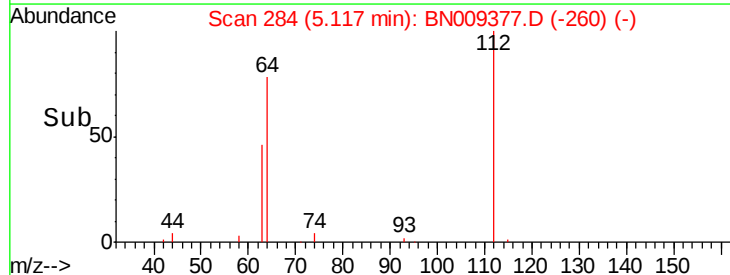
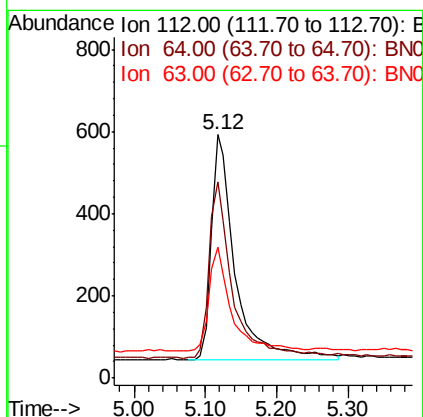
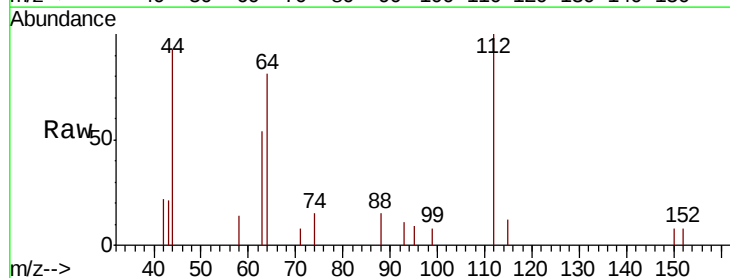
Instrument :
 BNA_N
 ClientSampleId :

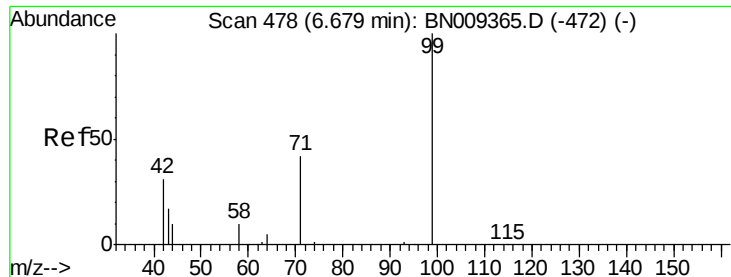
Tot Ion	Ratio	Lower	Upper
42	100		
74	39.2	55.8	83.8#
44	0.0	11.1	16.7#



#4
 2-Fluorophenol
 Concen: 0.391 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009377.D
 Acq: 15 Jan 2020 13:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.2	61.5	92.3
63	43.7	35.0	52.4





#5

Phenol-d6

Concen: 0.364 ng

RT: 6.68 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

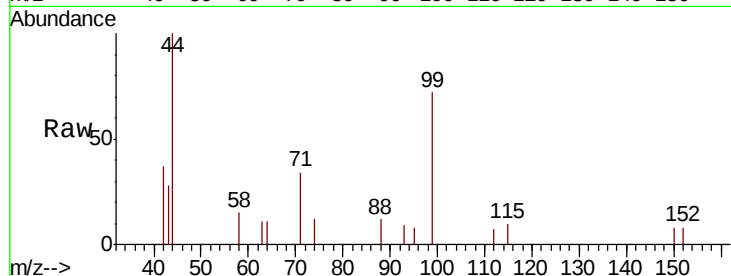
Tot Ion: 99 Resp: 1354

Ion Ratio Lower Upper

99 100

42 30.9 27.6 41.4

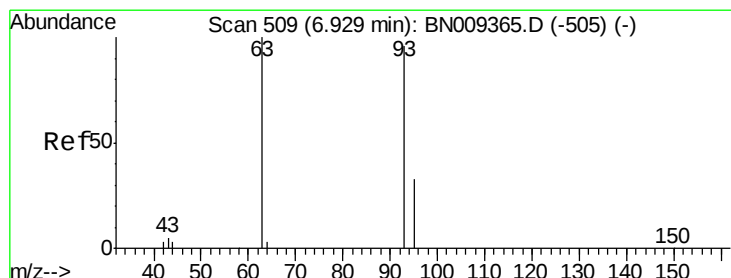
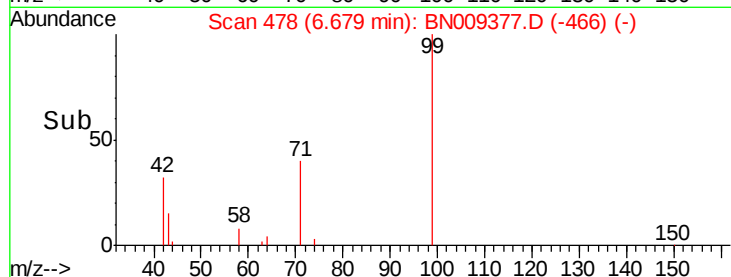
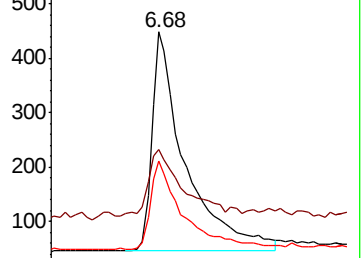
71 40.5 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009365.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009365.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009365.D (-472) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.084 ng

RT: 6.94 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

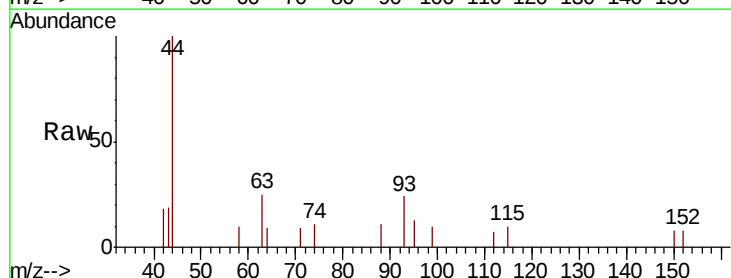
Tgt Ion: 93 Resp: 320

Ion Ratio Lower Upper

93 100

63 90.3 85.1 127.7

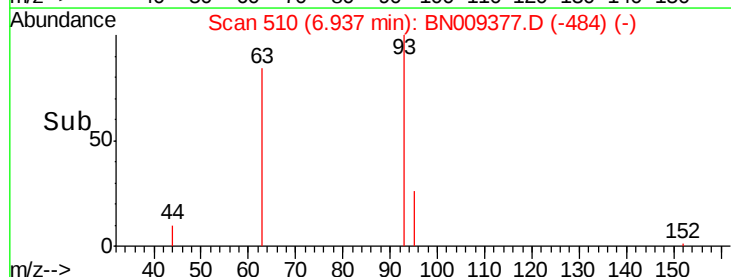
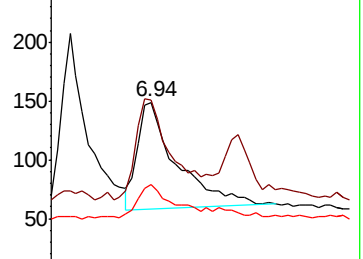
95 29.7 30.2 45.4#

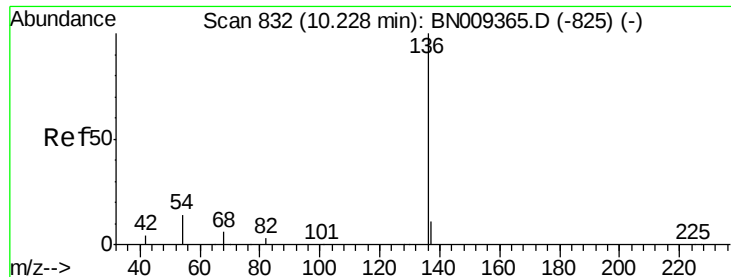


Abundance Ion 93.00 (92.70 to 93.70): BN009365.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN009365.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN009365.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 4630

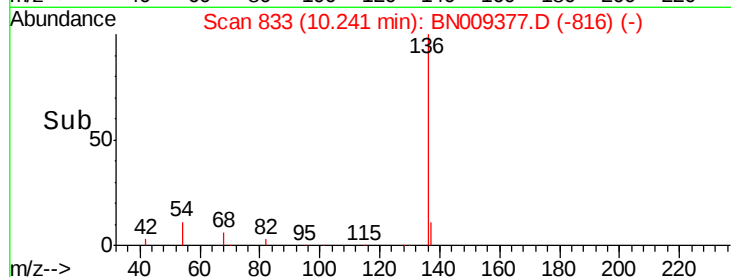
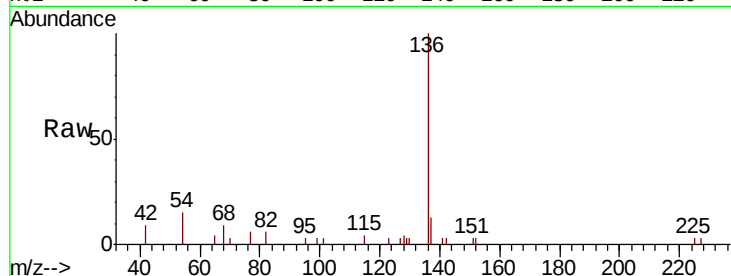
Ion Ratio Lower Upper

136 100

137 13.5 10.3 15.5

54 14.8 12.6 19.0

68 8.7 6.5 9.7

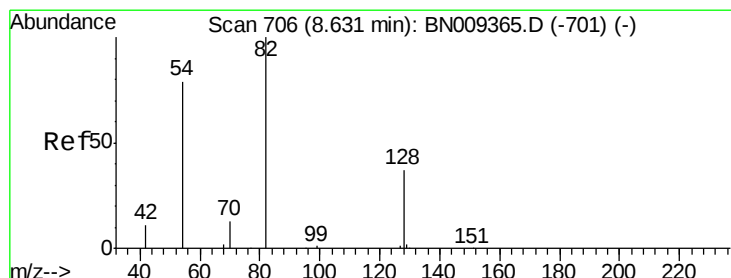
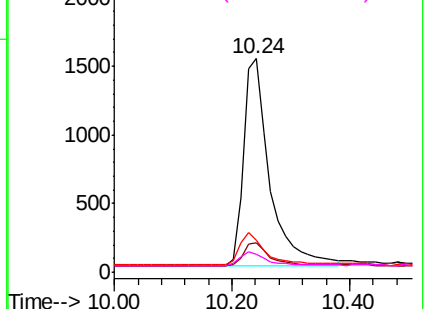


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.335 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

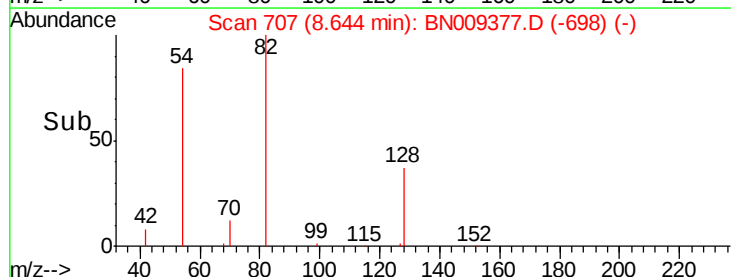
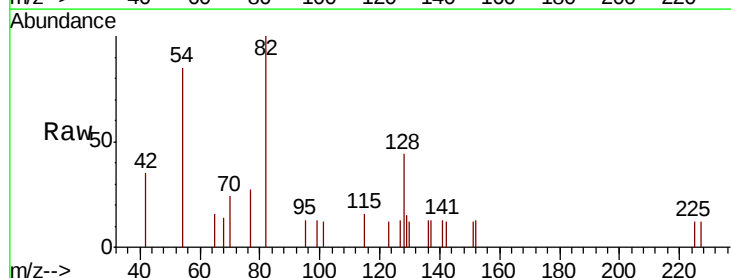
Tgt Ion: 82 Resp: 1237

Ion Ratio Lower Upper

82 100

128 44.3 34.8 52.2

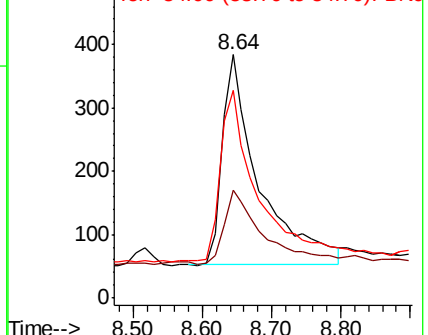
54 85.2 65.8 98.6

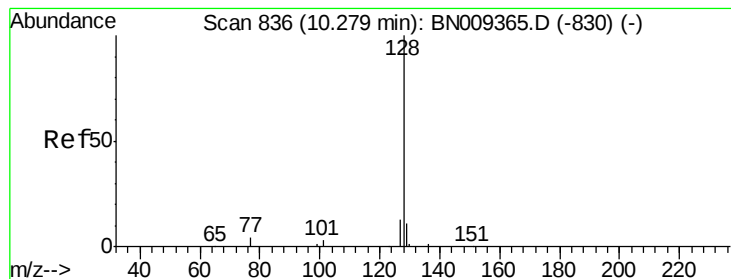


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.091 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

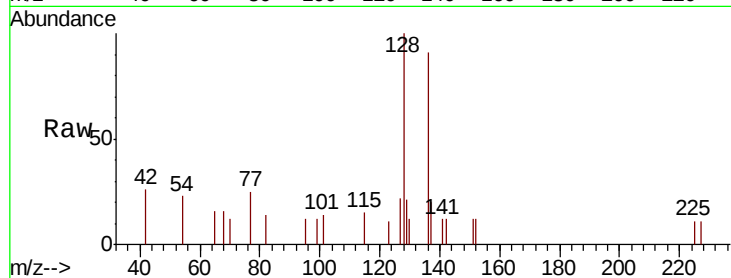
Tot Ion:128 Resp: 1134

Ion Ratio Lower Upper

128 100

129 20.9 10.4 15.6#

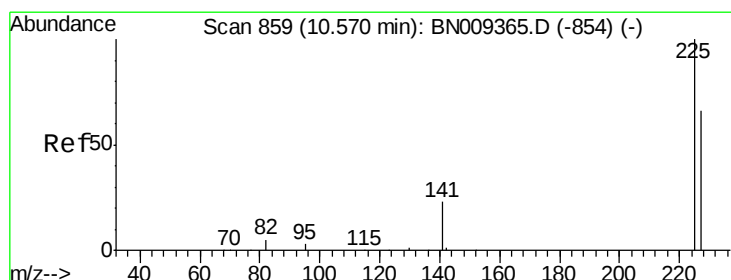
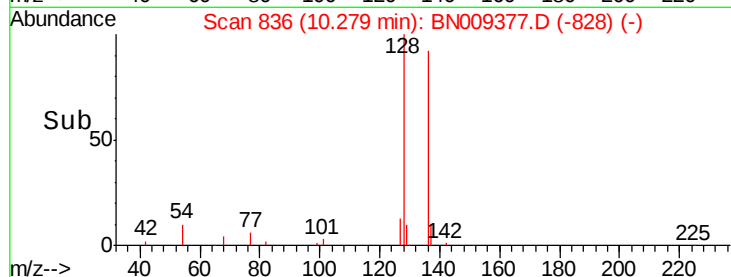
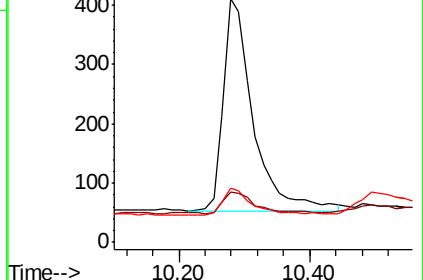
127 22.4 11.4 17.2#



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: 0.087 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

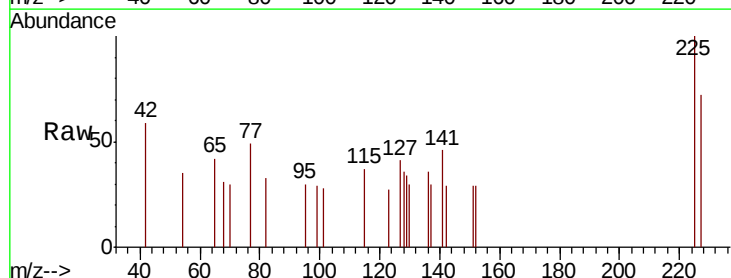
Tgt Ion:225 Resp: 238

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

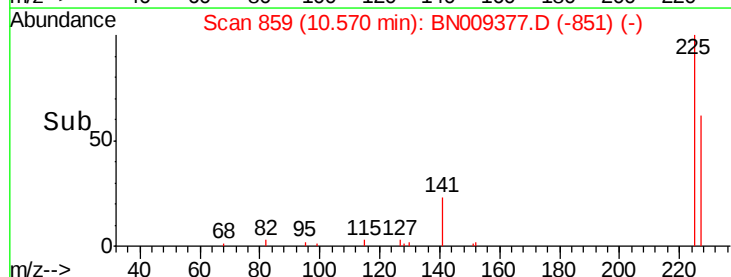
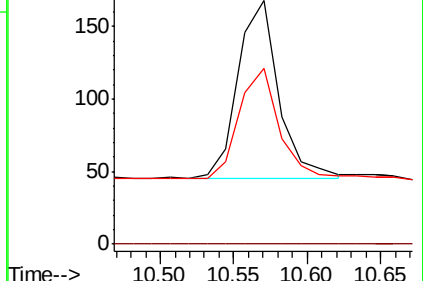
227 60.5 52.6 78.8

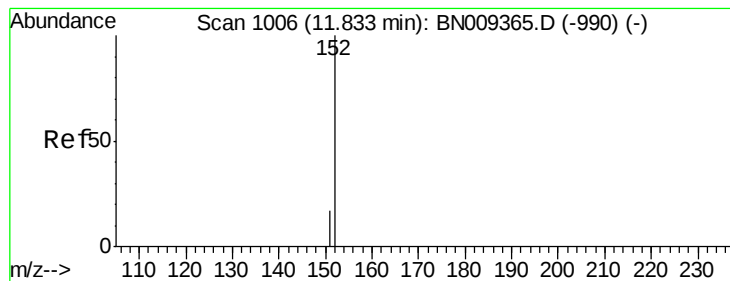


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 11.84 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

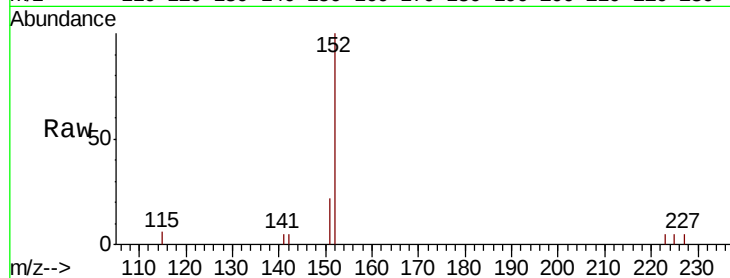
ClientSampled :

Tot Ion:152 Resp: 2729

Ion Ratio Lower Upper

152 100

151 18.0 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.84

1000

800

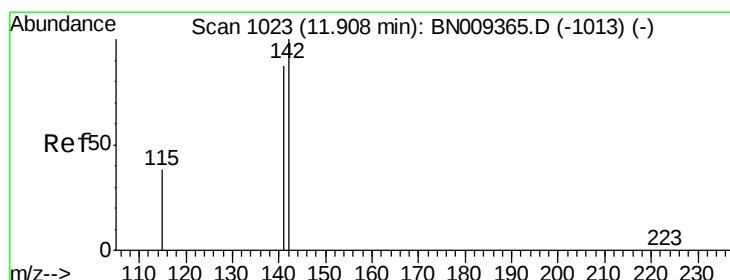
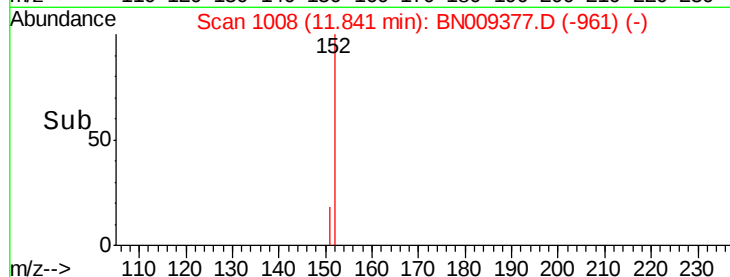
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.086 ng

RT: 11.92 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

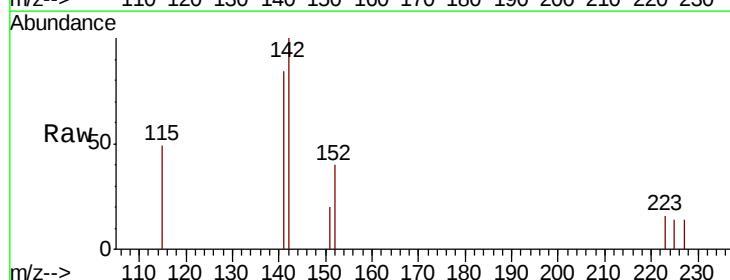
Tgt Ion:142 Resp: 752

Ion Ratio Lower Upper

142 100

141 84.2 69.8 104.6

115 48.6 32.5 48.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.92

400

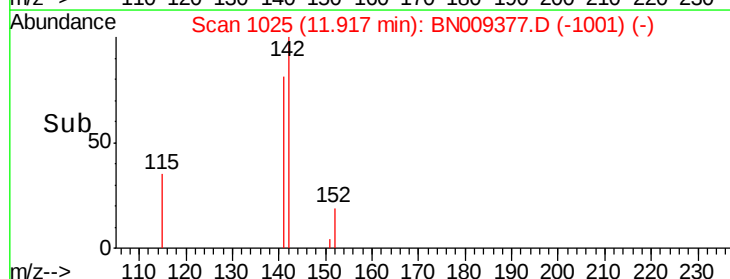
300

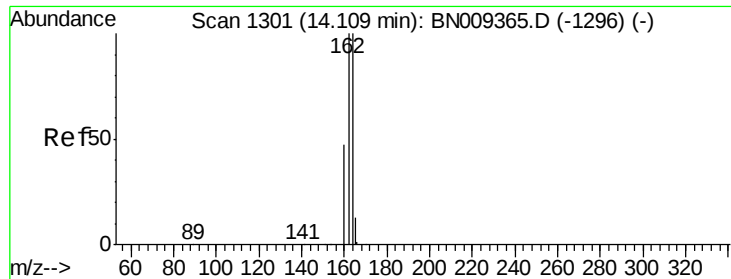
200

100

0

Time-->

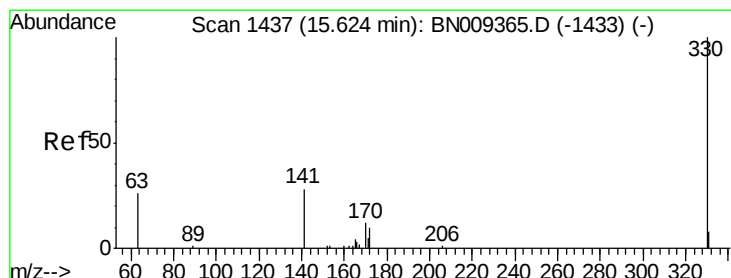
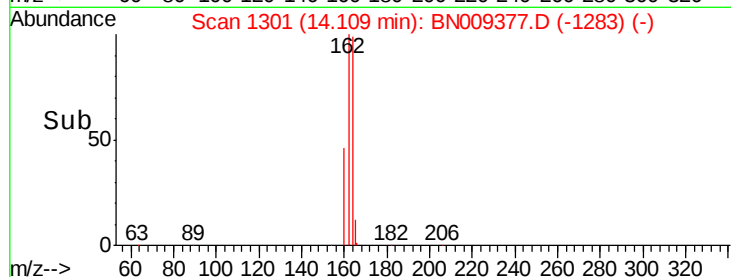
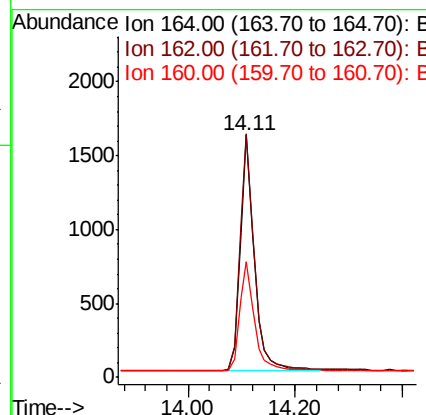
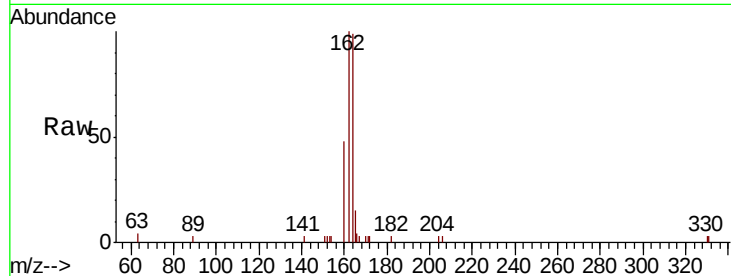




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

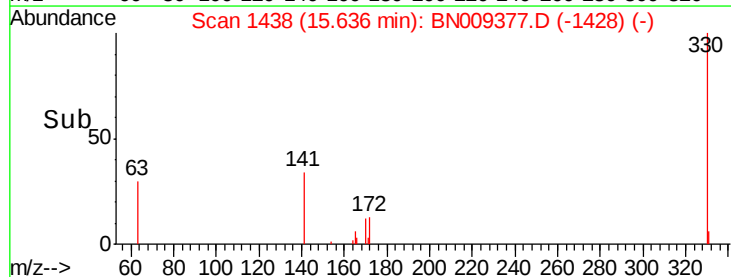
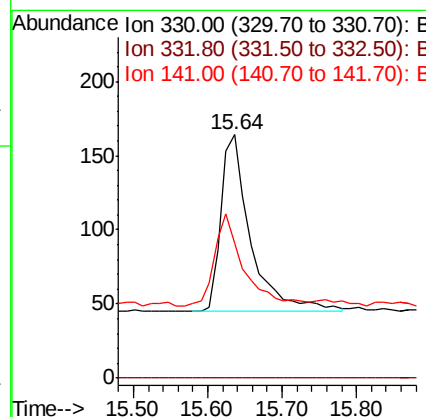
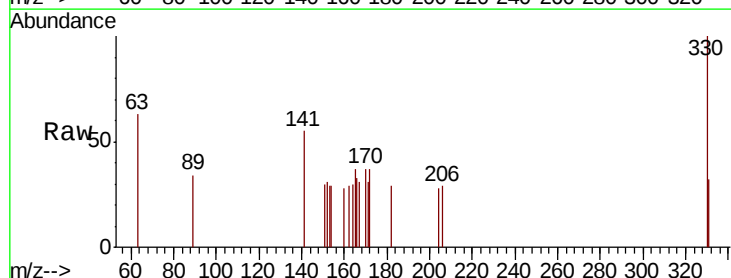
Instrument :
BNA_N
ClientSampleId :

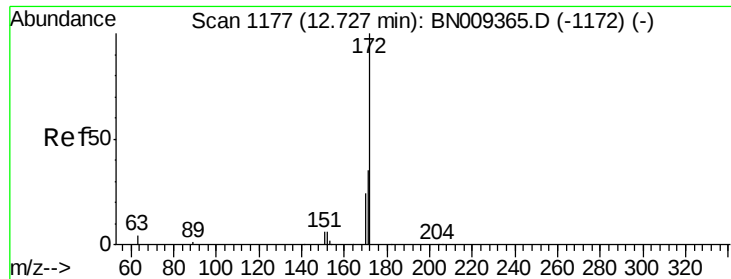
Tot Ion:164 Resp: 2923
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.6
160 48.0 38.4 57.6



#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.64 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:330 Resp: 329
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.2 33.1 49.7#

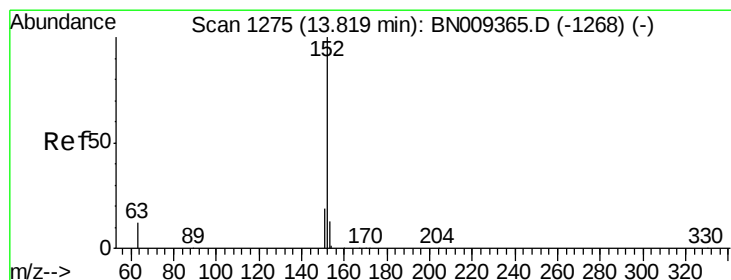
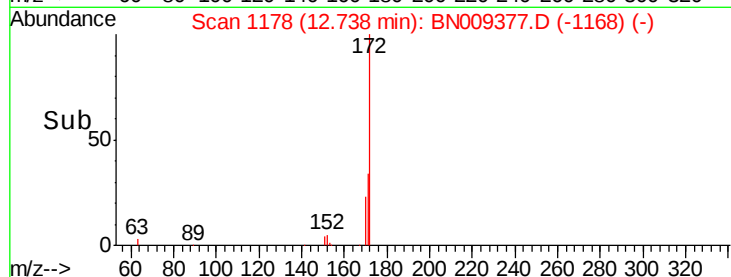
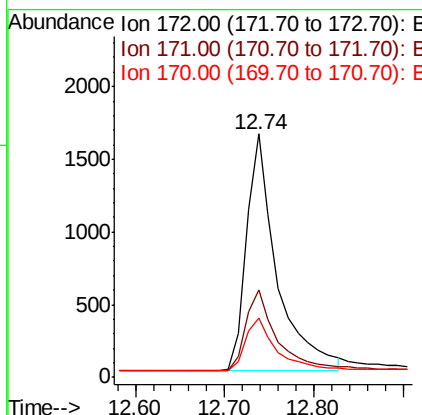
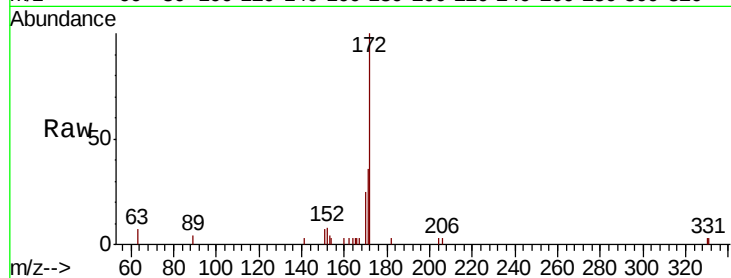




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.74 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

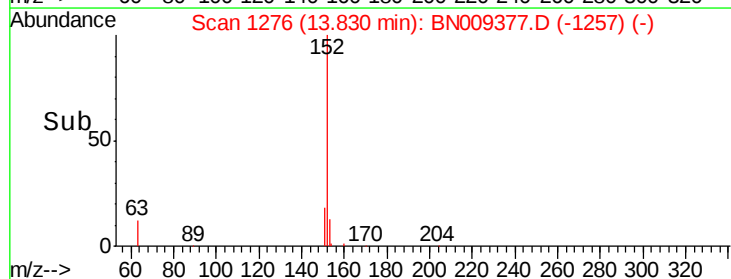
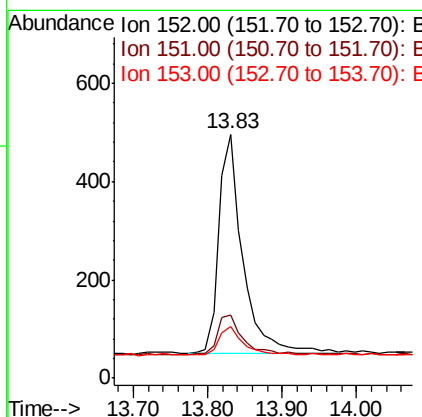
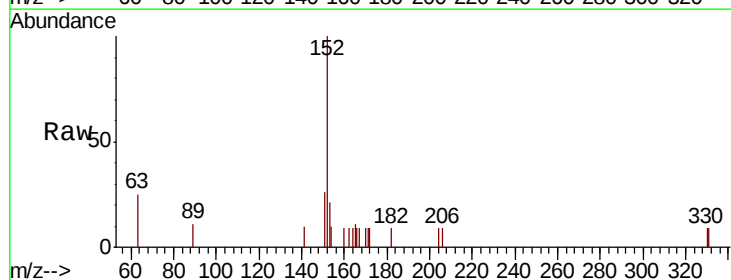
Instrument :
BNA_N
ClientSampleId :

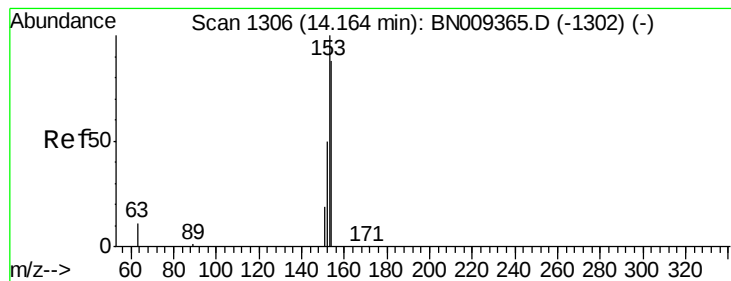
Tot Ion:172 Resp: 3897
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 24.6 20.7 31.1



#16
Acenaphthylene
Concen: 0.080 ng
RT: 13.83 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:152 Resp: 1006
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 12.7 10.4 15.6





#17

Acenaphthene

Concen: 0.081 ng

RT: 14.18 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

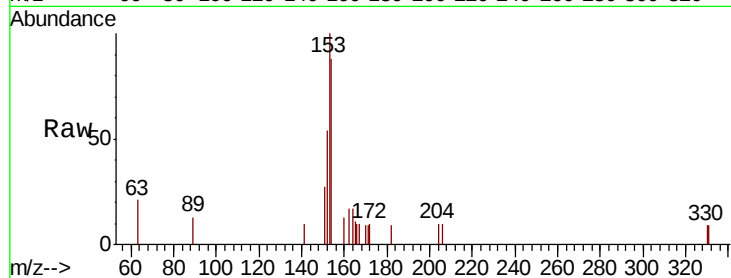
Tot Ion:154 Resp: 722

Ion Ratio Lower Upper

154 100

153 117.9 90.5 135.7

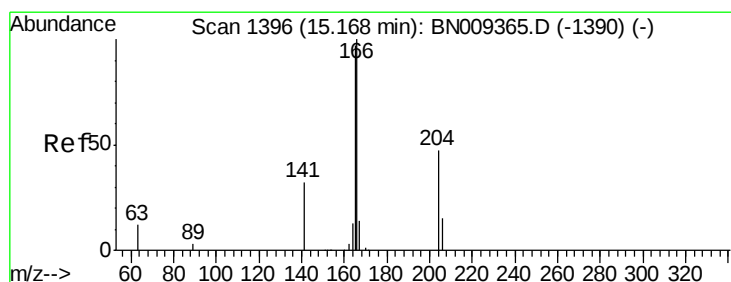
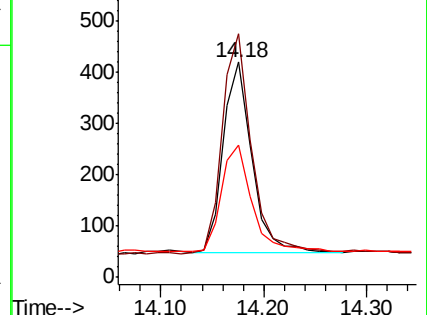
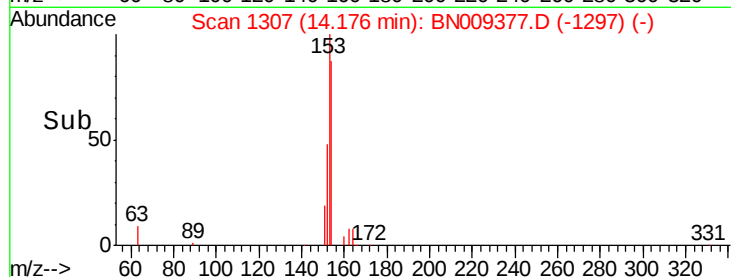
152 60.1 45.3 67.9



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



#18

Fluorene

Concen: 0.080 ng

RT: 15.18 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

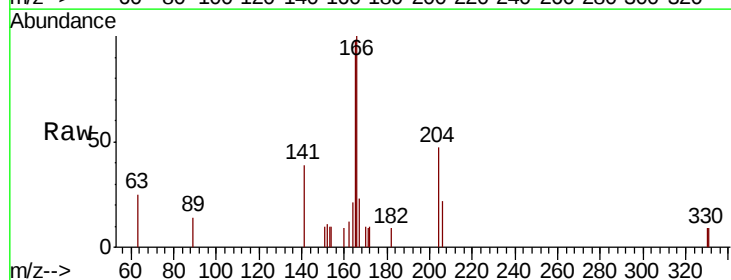
Tgt Ion:166 Resp: 923

Ion Ratio Lower Upper

166 100

165 97.9 78.2 117.2

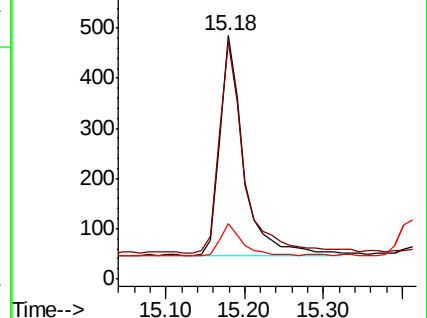
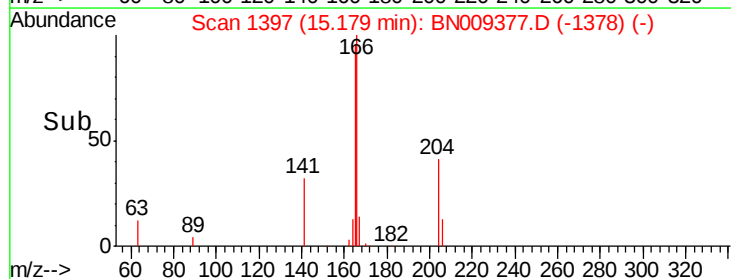
167 13.7 11.0 16.6

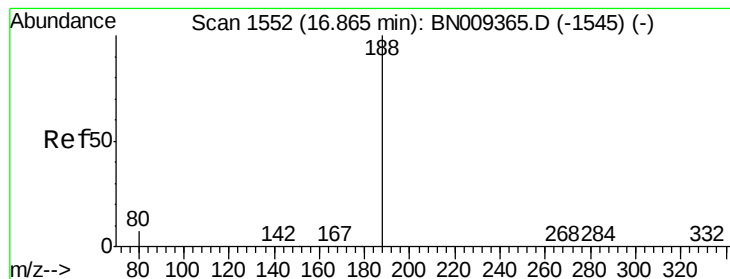


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

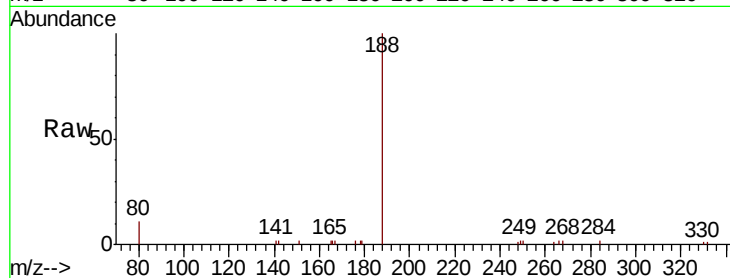
Tot Ion:188 Resp: 6314

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

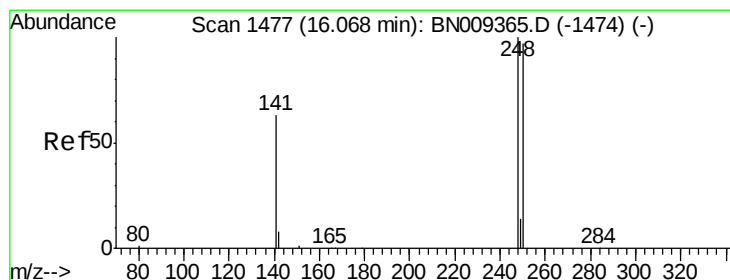
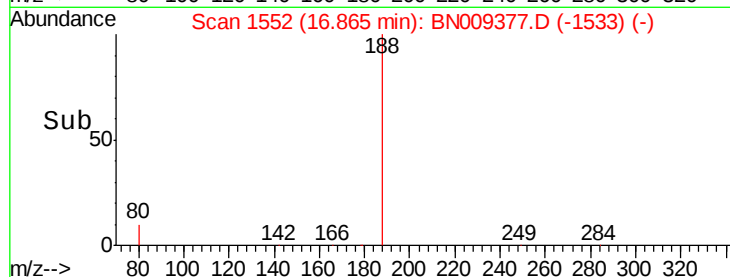
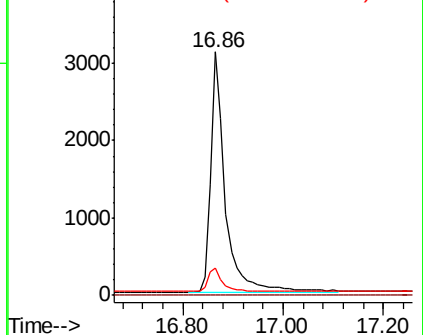
80 11.4 6.6 10.0#



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: 0.075 ng

RT: 16.08 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

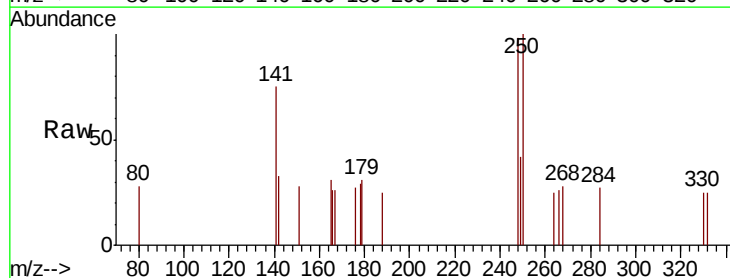
Tgt Ion:248 Resp: 287

Ion Ratio Lower Upper

248 100

250 101.7 77.8 116.8

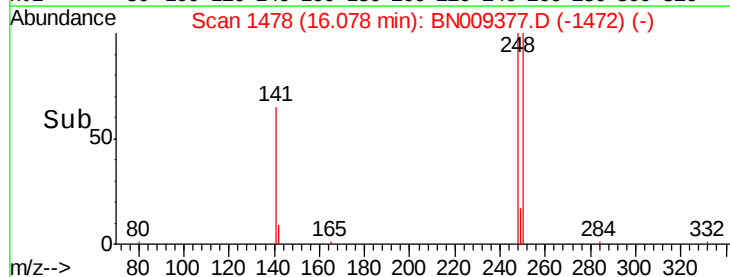
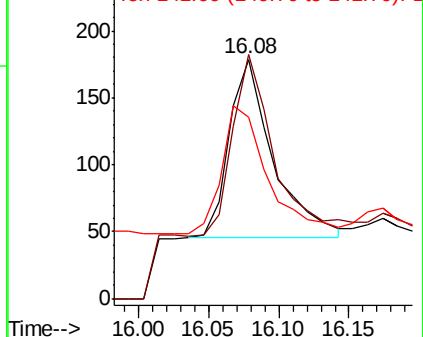
141 76.0 53.4 80.0

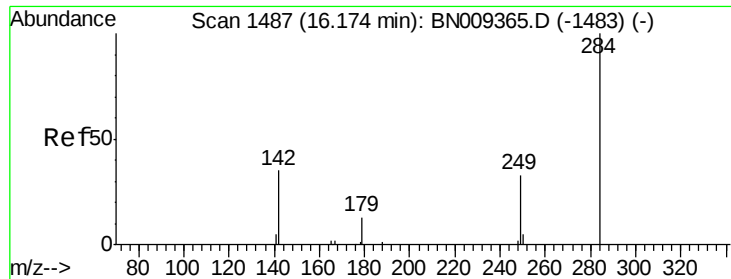


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.081 ng

RT: 16.18 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

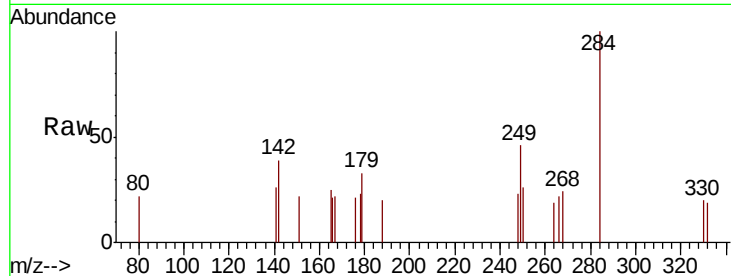
Tot Ion:284 Resp: 328

Ion Ratio Lower Upper

284 100

142 47.6 33.8 50.8

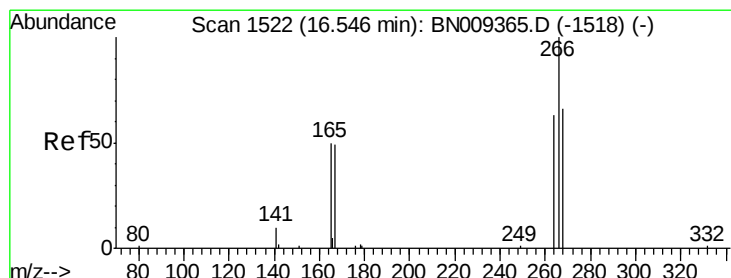
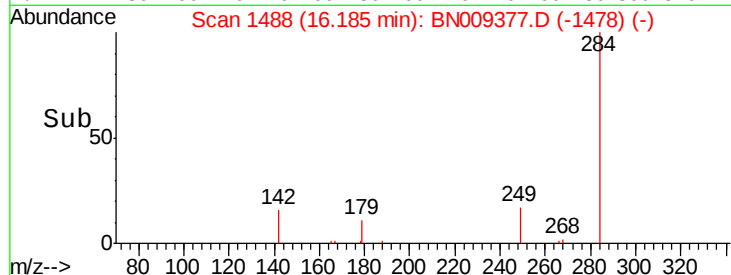
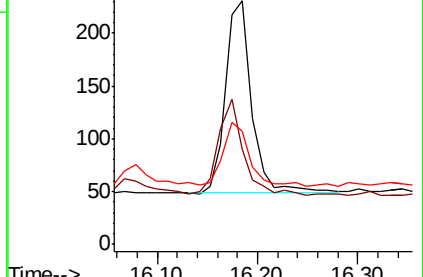
249 31.4 27.0 40.4



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: 0.183 ng

RT: 16.56 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

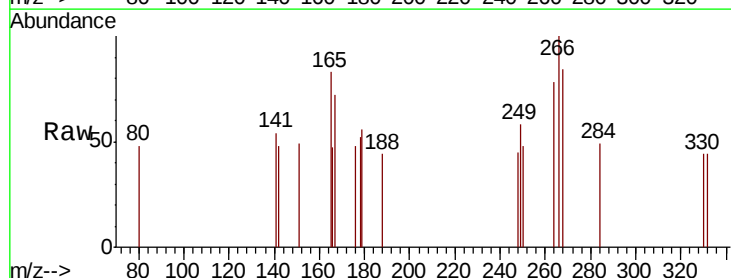
Tgt Ion:266 Resp: 208

Ion Ratio Lower Upper

266 100

264 77.7 57.8 86.6

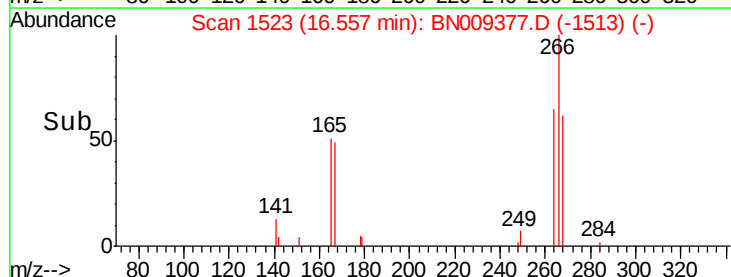
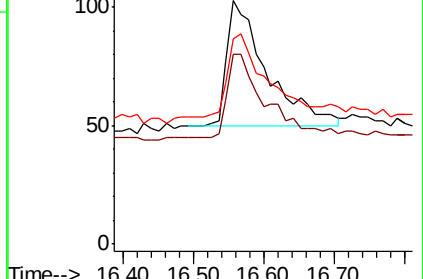
268 84.5 63.8 95.6



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: 0.081 ng

RT: 16.91 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

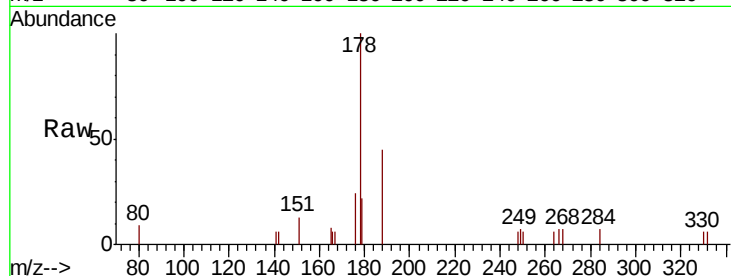
Tot Ion:178 Resp: 1536

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

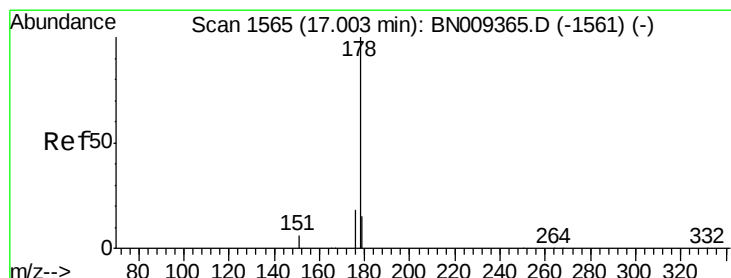
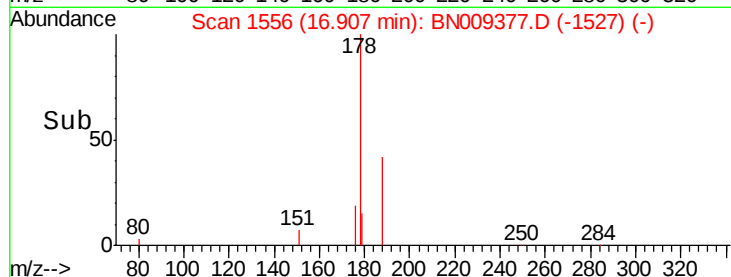
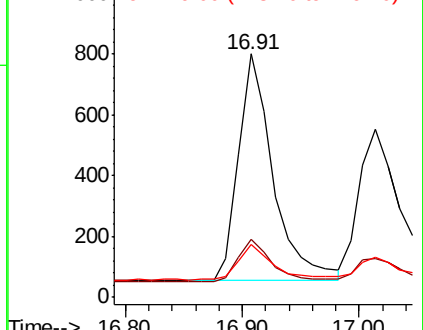
179 15.6 12.3 18.5



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: 0.076 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

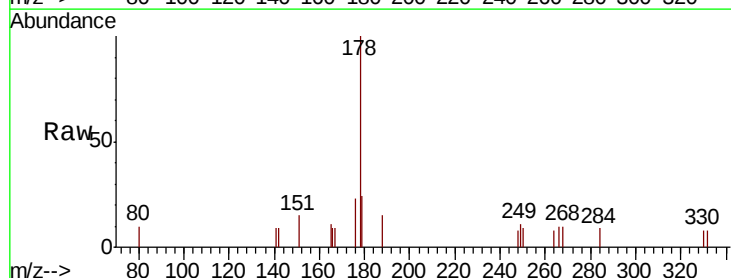
Tgt Ion:178 Resp: 1206

Ion Ratio Lower Upper

178 100

176 17.0 14.6 21.8

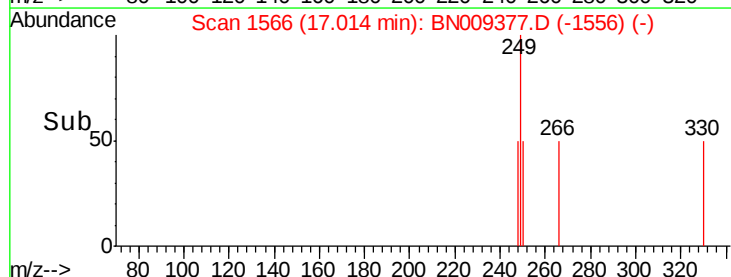
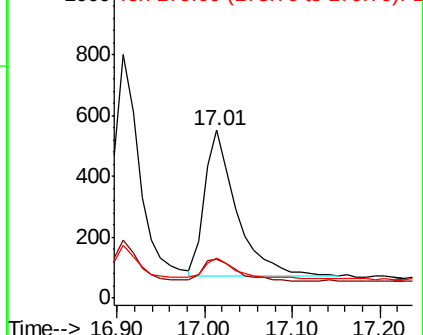
179 13.5 12.5 18.7

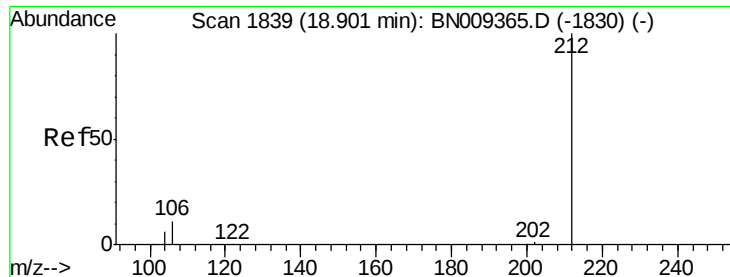


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.305 ng

RT: 18.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

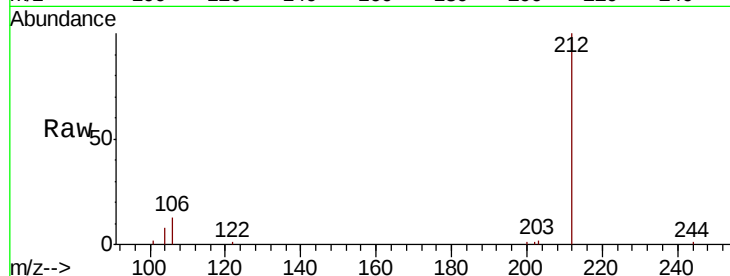
Tot Ion:212 Resp: 6609

Ion Ratio Lower Upper

212 100

106 12.0 9.2 13.8

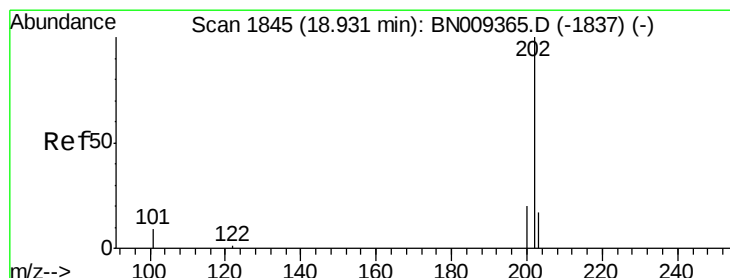
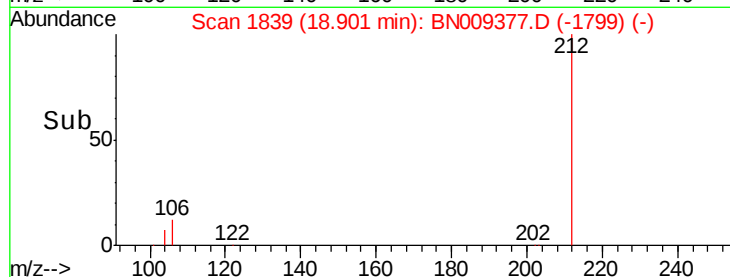
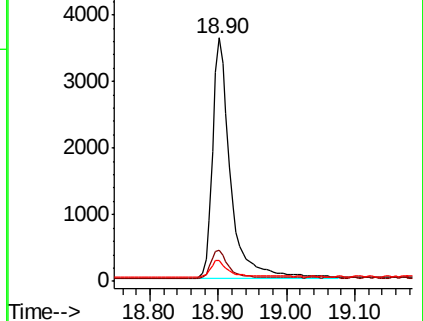
104 6.6 5.4 8.0



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: 18.93 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

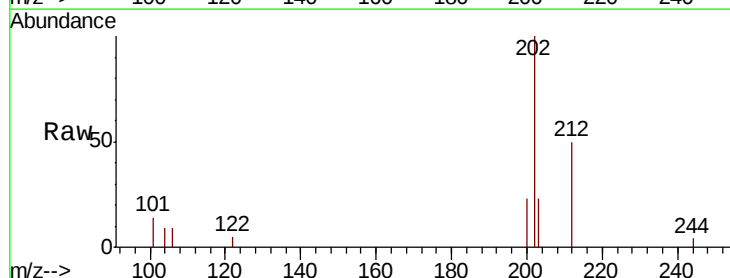
Tgt Ion:202 Resp: 1844

Ion Ratio Lower Upper

202 100

101 10.1 8.0 12.0

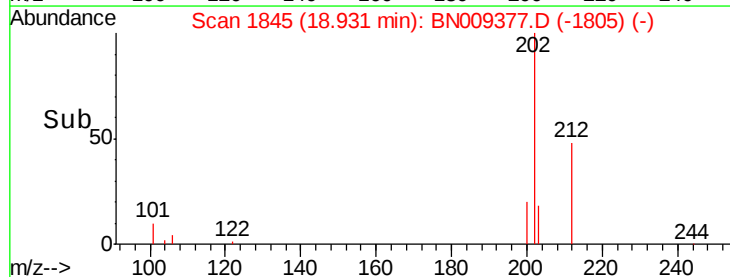
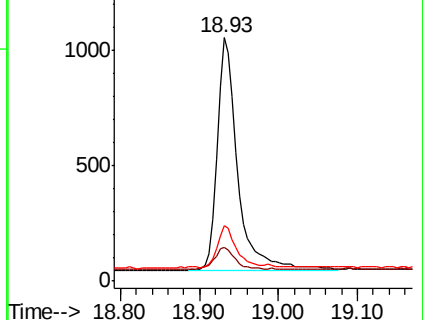
203 17.3 13.5 20.3

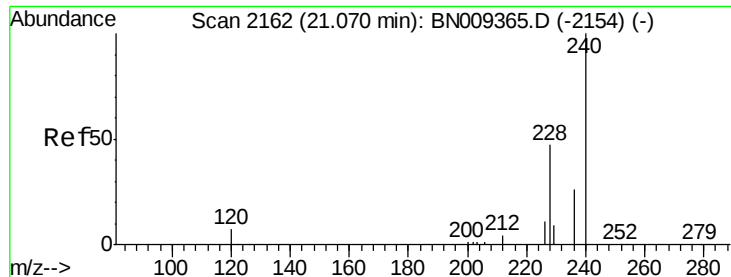


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

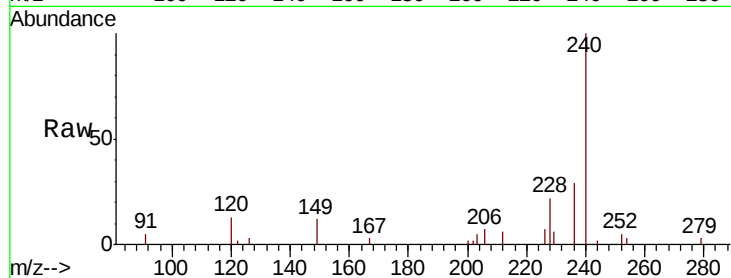
Tot Ion:240 Resp: 5621

Ion Ratio Lower Upper

240 100

120 13.5 8.1 12.1#

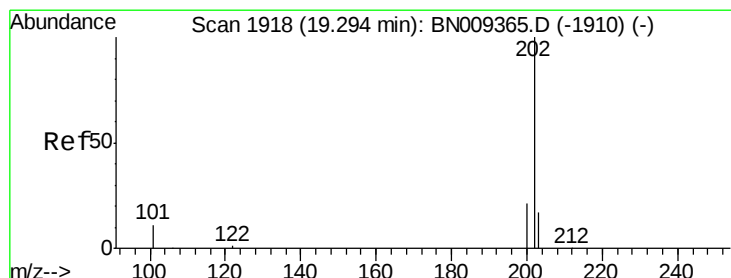
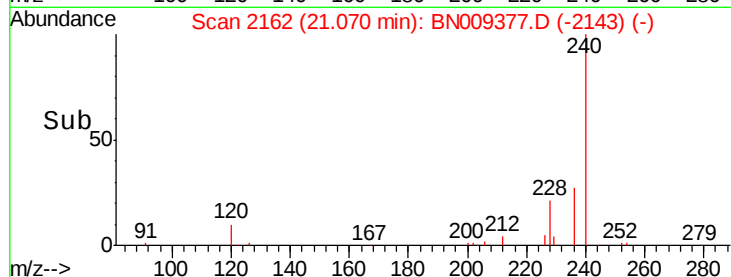
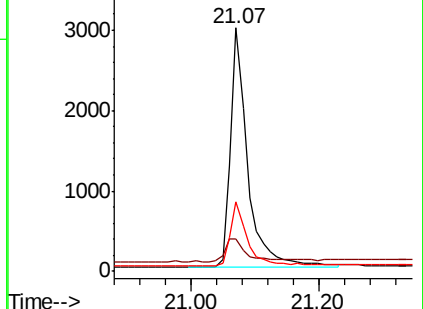
236 28.7 22.2 33.4



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

Pyrene

Concen: 0.089 ng

RT: 19.30 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

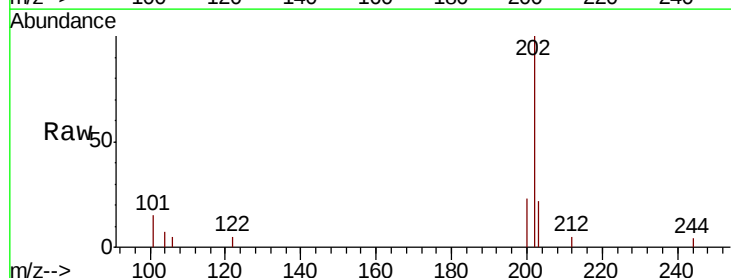
Tgt Ion:202 Resp: 1888

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

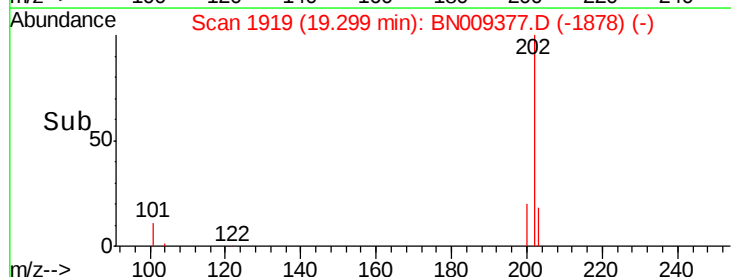
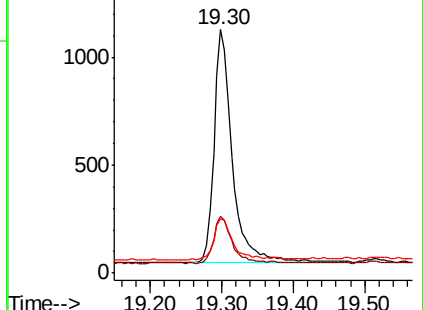
203 18.3 14.1 21.1

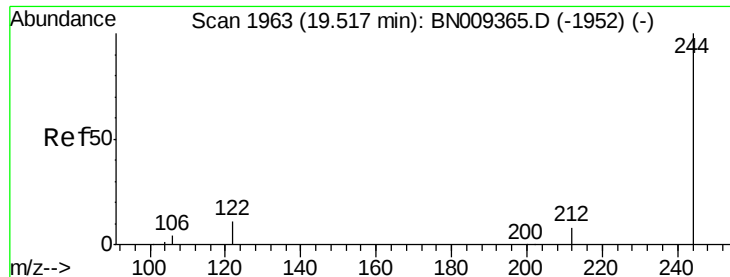


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.393 ng

RT: 19.52 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

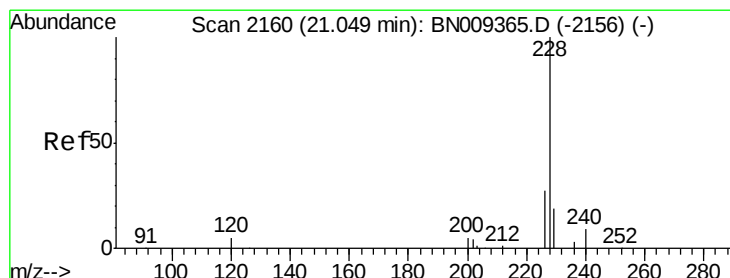
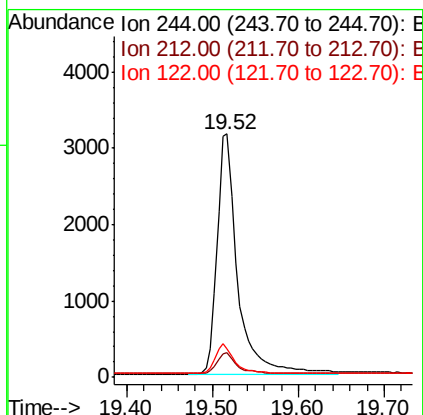
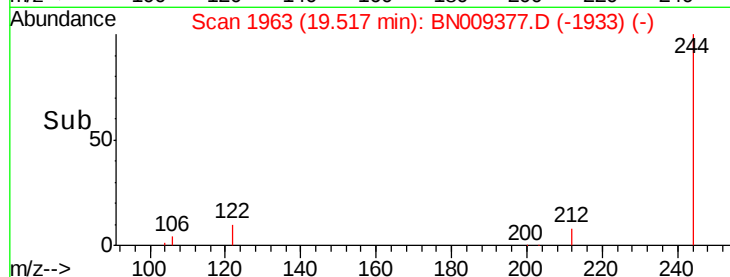
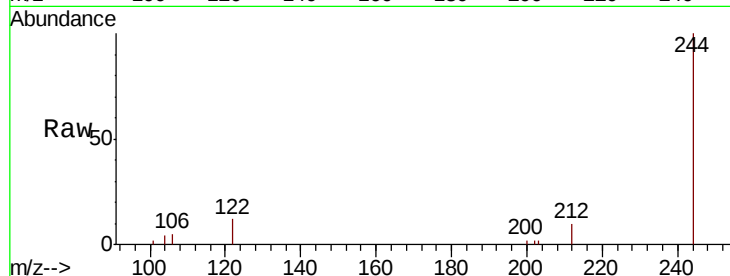
Tot Ion:244 Resp: 5229

Ion Ratio Lower Upper

244 100

212 10.0 7.5 11.3

122 11.8 9.8 14.6



#30

Benzo(a)anthracene

Concen: 0.076 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

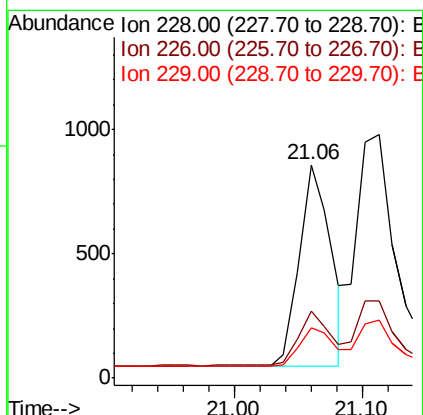
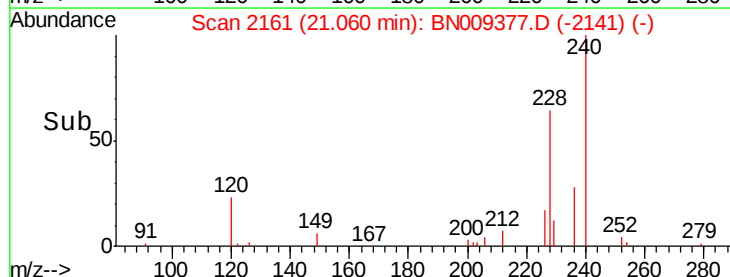
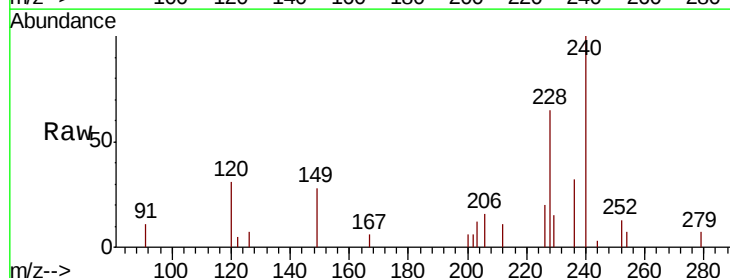
Tgt Ion:228 Resp: 1402

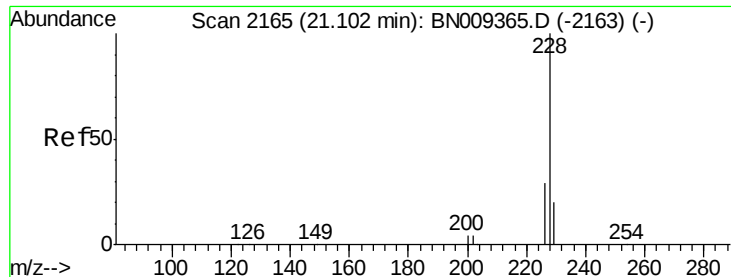
Ion Ratio Lower Upper

228 100

226 31.3 22.5 33.7

229 23.5 16.1 24.1





#31

Chrysene

Concen: 0.094 ng

RT: 21.11 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

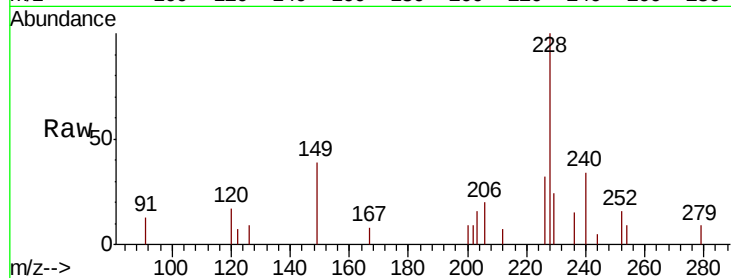
Tot Ion:228 Resp: 1997

Ion Ratio Lower Upper

228 100

226 31.6 23.8 35.8

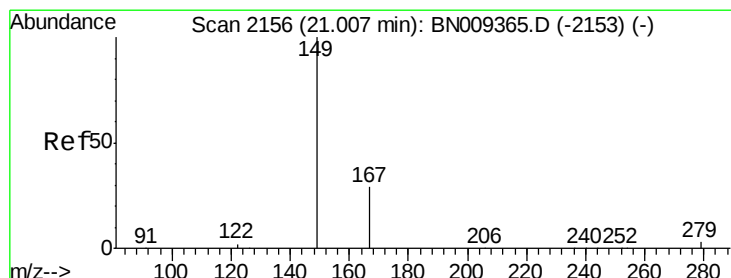
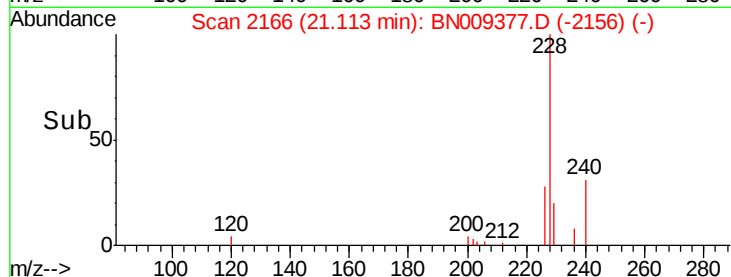
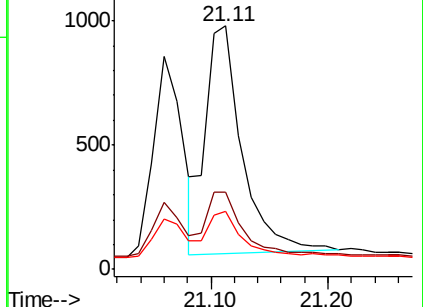
229 24.0 16.6 24.8



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: 0.091 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

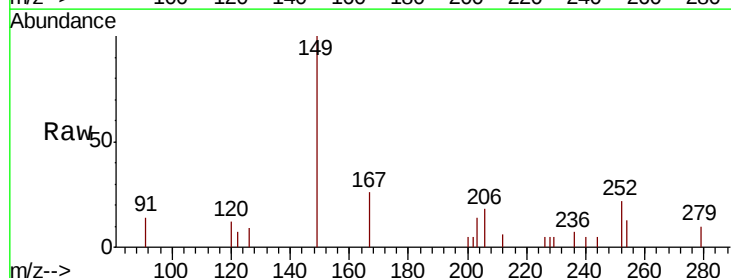
Tgt Ion:149 Resp: 740

Ion Ratio Lower Upper

149 100

167 27.4 22.9 34.3

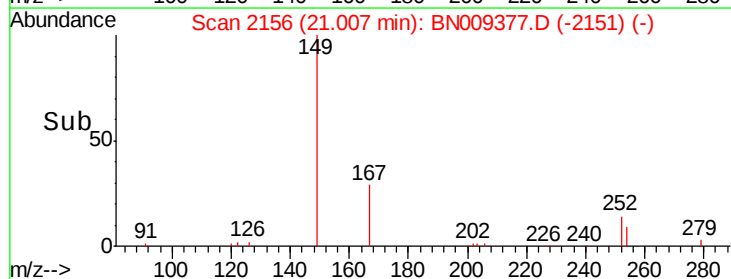
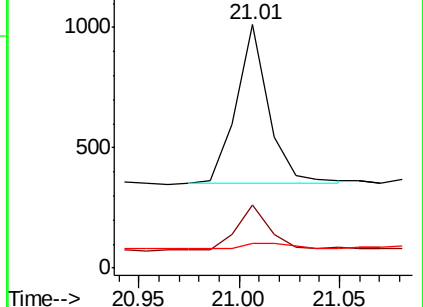
279 4.2 3.4 5.0

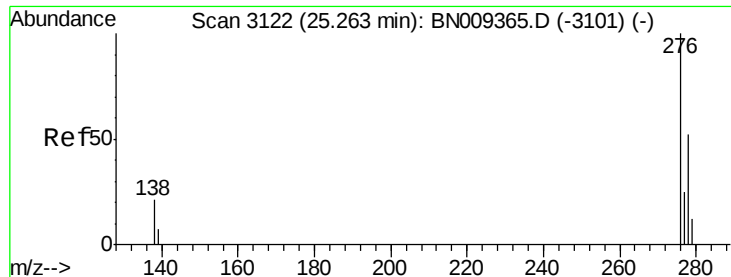


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.087 ng

RT: 25.28 min Scan# 3128

Delta R.T. 0.02 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

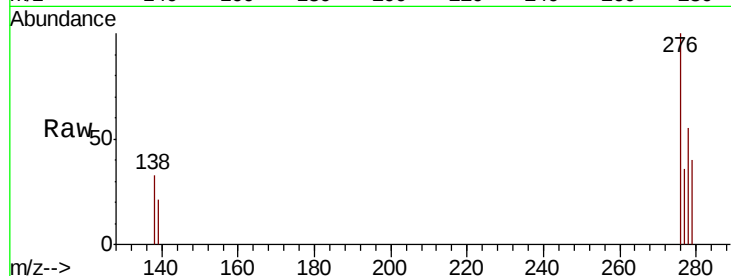
Tot Ion:276 Resp: 1918

Ion Ratio Lower Upper

276 100

138 17.0 15.9 23.9

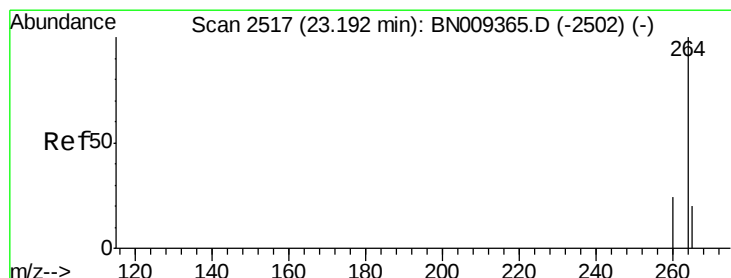
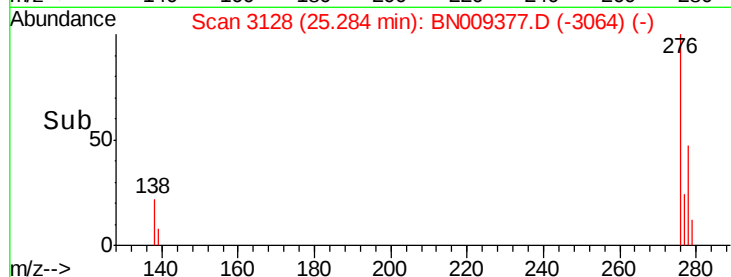
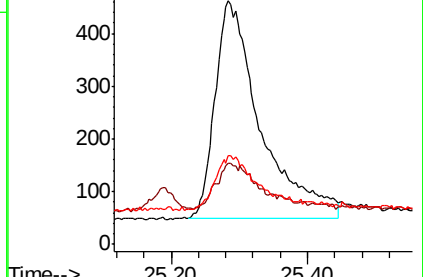
277 20.2 19.8 29.6



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

Perylene-d12

Concen: 0.400 ng

RT: 23.19 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

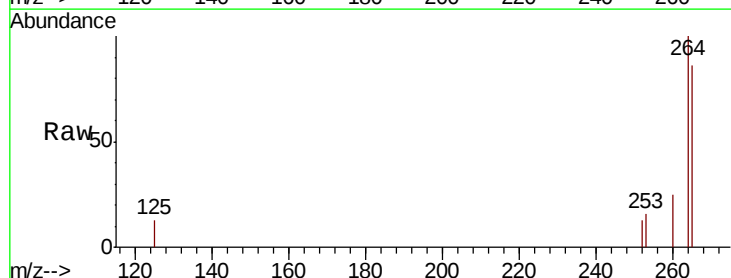
Tgt Ion:264 Resp: 5948

Ion Ratio Lower Upper

264 100

260 25.5 20.1 30.1

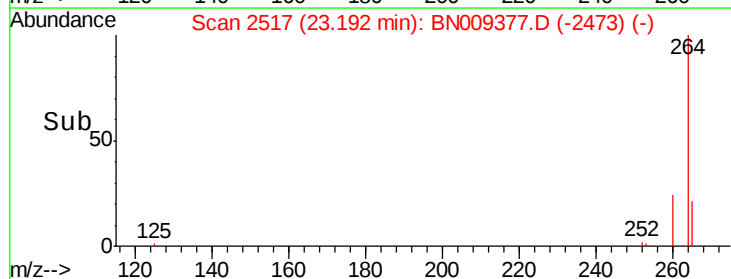
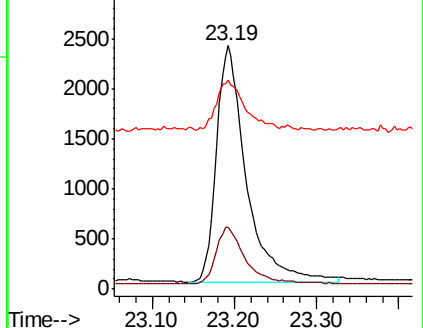
265 86.0 68.2 102.4

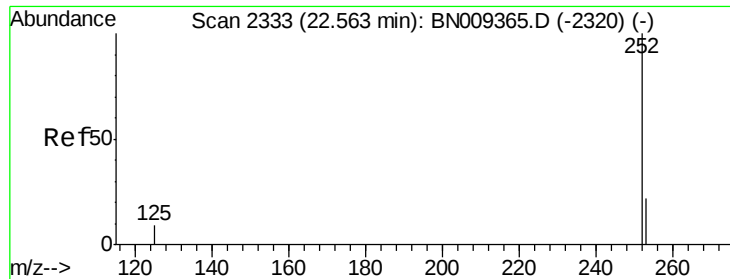


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

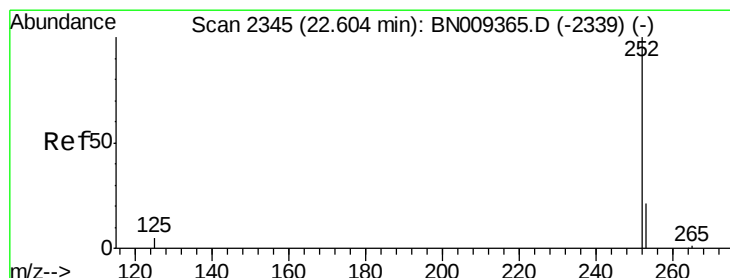
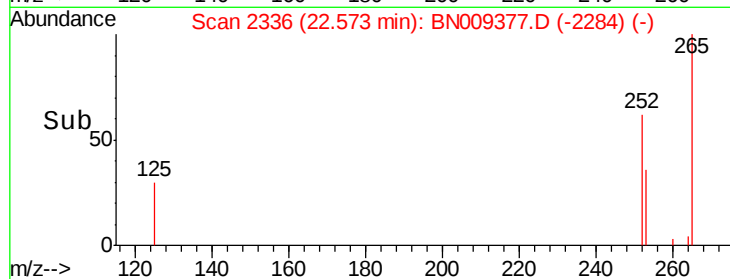
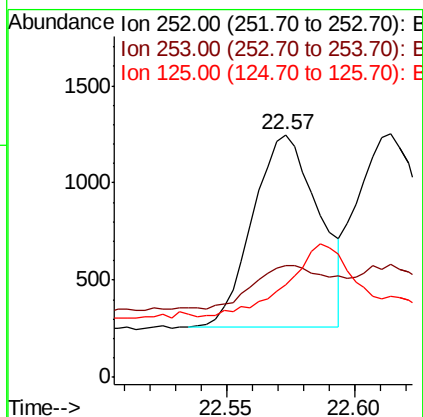
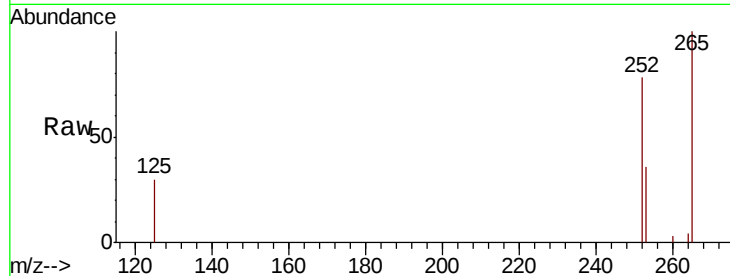




#35
Benzo(b)fluoranthene
Concen: 0.081 ng
RT: 22.57 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

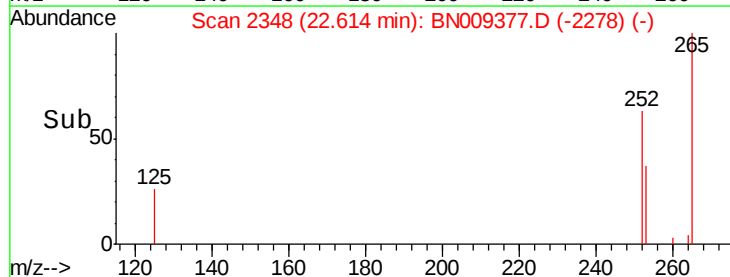
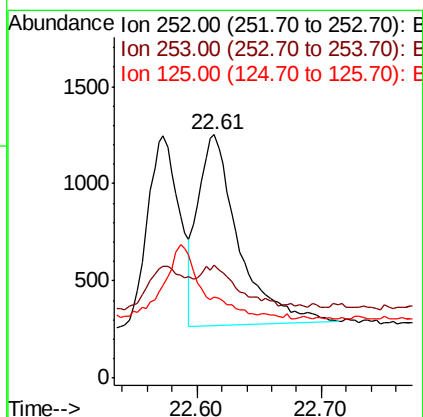
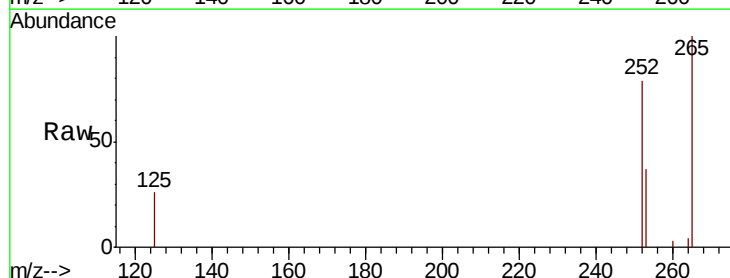
Instrument :
BNA_N
ClientSampleId :

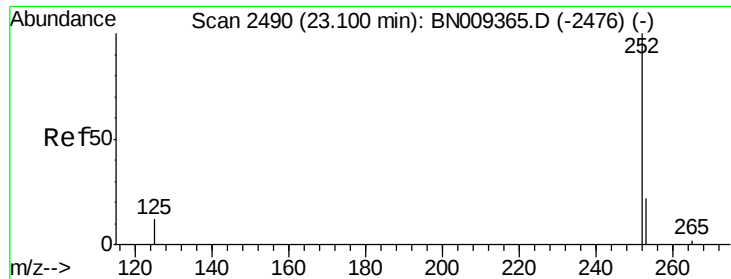
Tot Ion:252 Resp: 1780
Ion Ratio Lower Upper
252 100
253 46.3 22.4 33.6#
125 38.2 11.6 17.4#



#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 22.61 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:252 Resp: 2207
Ion Ratio Lower Upper
252 100
253 46.5 21.9 32.9#
125 33.4 12.0 18.0#





#37

Benzo(a)pyrene

Concen: 0.090 ng

RT: 23.11 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

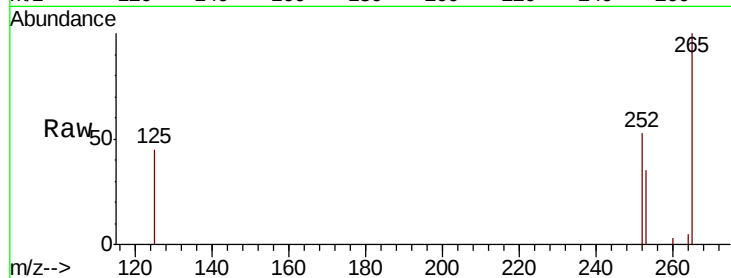
Tot Ion:252 Resp: 1741

Ion Ratio Lower Upper

252 100

253 66.2 25.4 38.0#

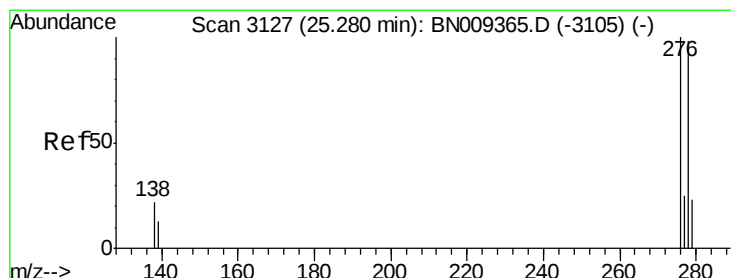
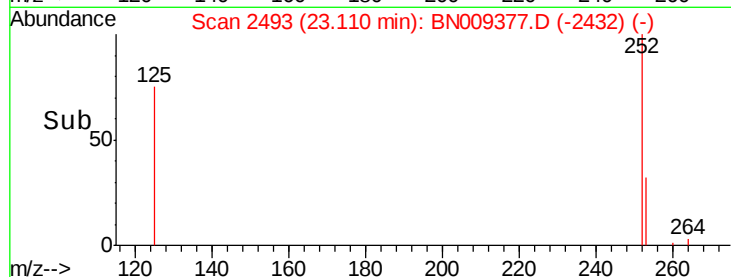
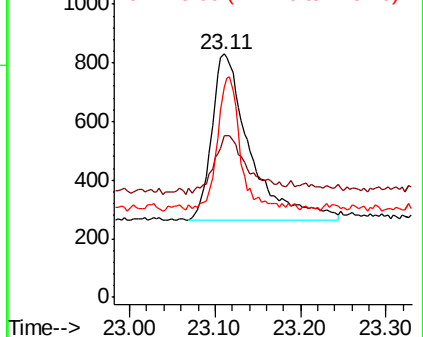
125 86.2 16.2 24.2#



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

Dibenzo(a,h)anthracene

Concen: 0.072 ng

RT: 25.31 min Scan# 3135

Delta R.T. 0.03 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

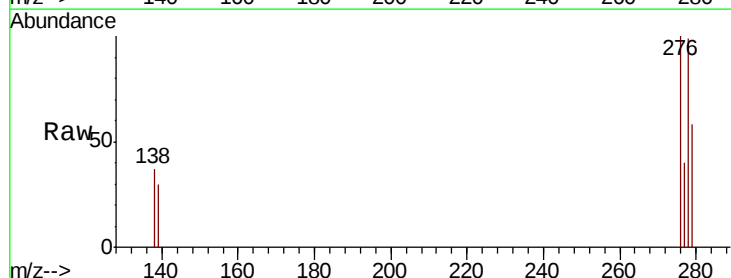
Tgt Ion:278 Resp: 1401

Ion Ratio Lower Upper

278 100

139 30.5 14.5 21.7#

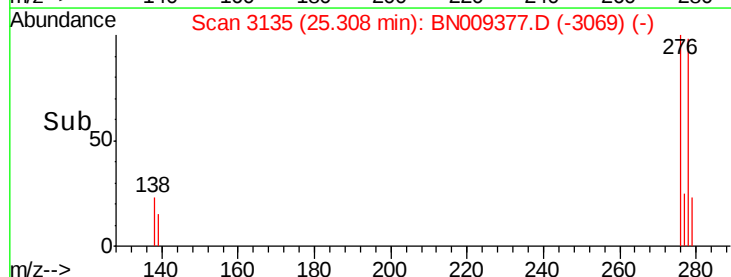
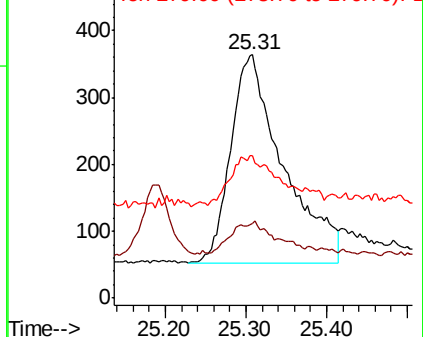
279 58.8 24.2 36.4#

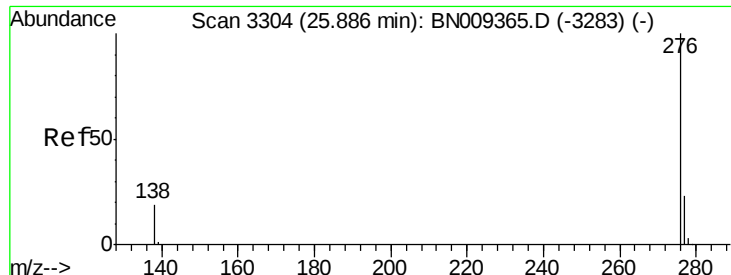


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.088 ng

RT: 25.91 min Scan# 3311

Delta R.T. 0.02 min

Lab File: BN009377.D

Acq: 15 Jan 2020 13:48

Instrument :

BNA_N

ClientSampleId :

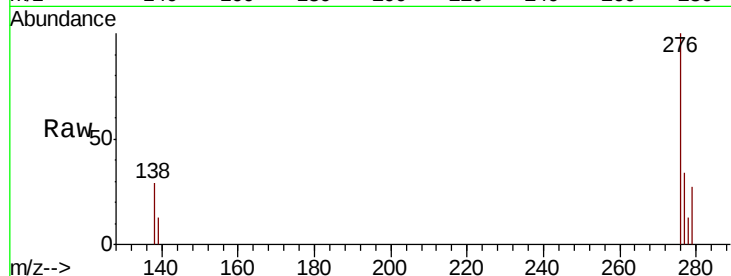
Tot Ion: 276 Resp: 1874

Ion Ratio Lower Upper

276 100

277 33.5 20.6 30.8#

138 28.8 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

