

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
 Data File : BN009410.D
 Acq On : 21 Jan 2020 12:16
 Operator : JU
 Sample : K5111-03
 Misc : 0.1 MDL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 21 16:15:14 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 21 16:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1241	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4022	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	2585	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	5928	0.40	ng	0.00
27) Chrysene-d12	21.07	240	5366	0.40	ng	0.00
34) Perylene-d12	23.19	264	5441	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	936	0.33	ng	0.00
5) Phenol-d6	6.70	99	920	0.28	ng	0.02
8) Nitrobenzene-d5	8.66	82	917	0.29	ng	0.03
11) 2-Methylnaphthalene-d10	11.85	152	2103	0.27	ng	0.02
14) 2,4,6-Tribromophenol	15.64	330	272	0.28	ng	0.01
15) 2-Fluorobiphenyl	12.74	172	2970	0.31	ng	0.01
25) Fluoranthene-d10	18.90	212	5407	0.27	ng	0.00
29) Terphenyl-d14	19.52	244	4483	0.35	ng	0.00

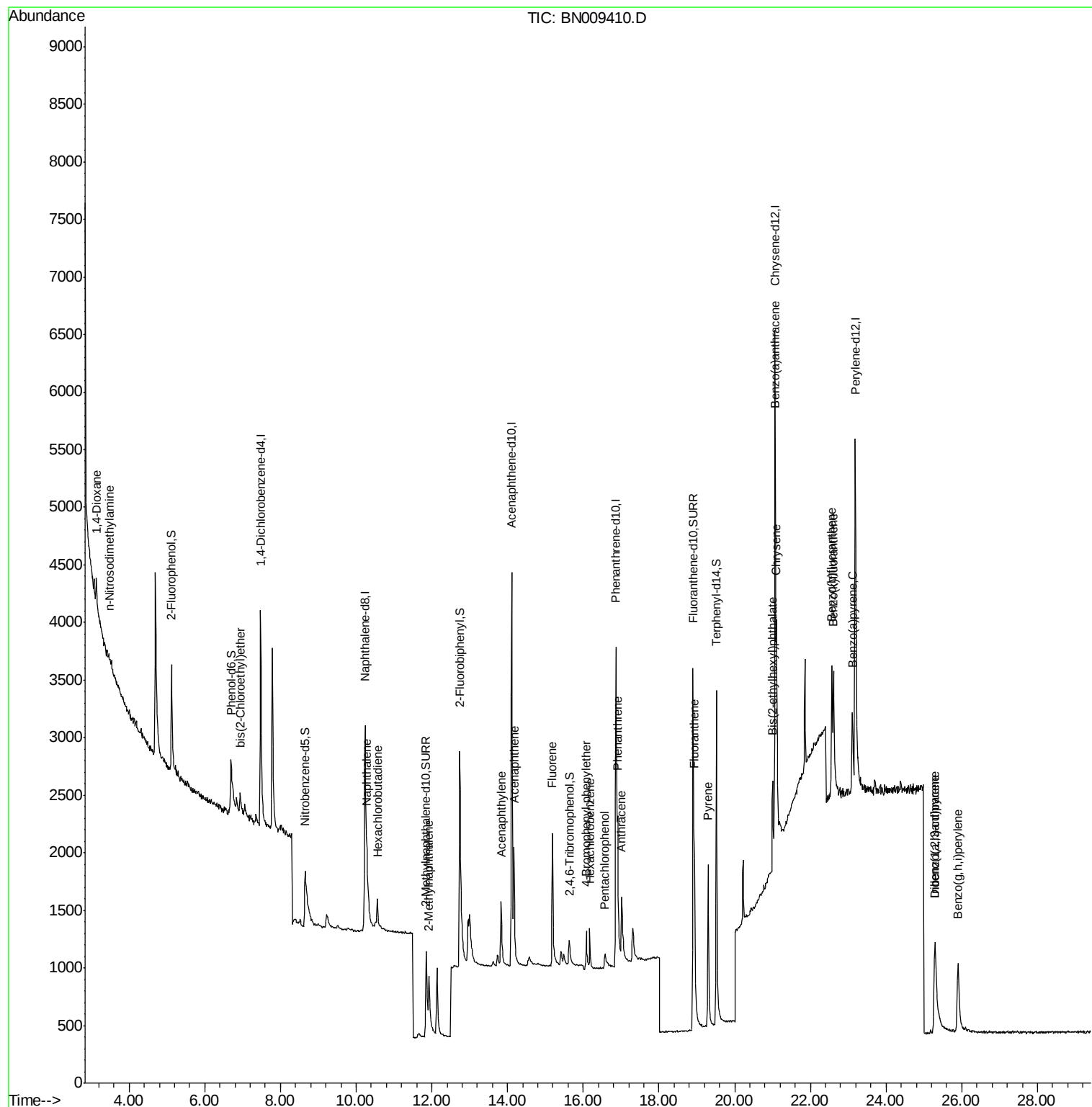
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	121	0.093	ng	# 66
3) n-Nitrosodimethylamine	3.48	42	61	0.031	ng	# 24
6) bis(2-Chloroethyl)ether	6.94	93	234	0.069	ng	89
9) Naphthalene	10.29	128	976	0.090	ng	# 72
10) Hexachlorobutadiene	10.57	225	215	0.090	ng	# 99
12) 2-Methylnaphthalene	11.92	142	642	0.085	ng	# 90
16) Acenaphthylene	13.83	152	907	0.081	ng	98
17) Acenaphthene	14.18	154	659	0.084	ng	98
18) Fluorene	15.18	166	855	0.084	ng	99
20) 4-Bromophenyl-phenylether	16.08	248	251	0.070	ng	# 86
21) Hexachlorobenzene	16.17	284	326	0.086	ng	94
22) Pentachlorophenol	16.57	266	166	0.156	ng	89
23) Phenanthrene	16.91	178	1434	0.081	ng	98
24) Anthracene	17.01	178	1091	0.073	ng	99
26) Fluoranthene	18.93	202	1854	0.089	ng	99
28) Pyrene	19.30	202	1881	0.092	ng	100
30) Benzo(a)anthracene	21.06	228	1274	0.072	ng	# 92
31) Chrysene	21.10	228	1898	0.094	ng	92
32) Bis(2-ethylhexyl)phthalate	21.01	149	723	0.093	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.28	276	1690	0.081	ng	# 87
35) Benzo(b)fluoranthene	22.57	252	1544	0.077	ng	# 56
36) Benzo(k)fluoranthene	22.61	252	2000	0.091	ng	# 57
37) Benzo(a)pyrene	23.11	252	1464	0.083	ng	# 38
38) Dibenzo(a,h)anthracene	25.30	278	458	0.026	ng	# 51
39) Benzo(g,h,i)perylene	25.90	276	1604	0.082	ng	# 81

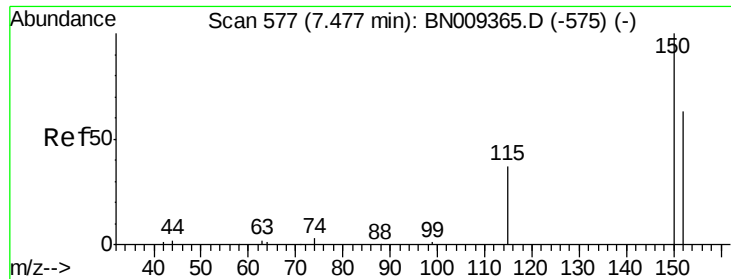
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
Data File : BN009410.D
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Operator : JU
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Misc : 0.1 MDL
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Instrument :
BNA_N
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Quant Time: Jan 21 16:15:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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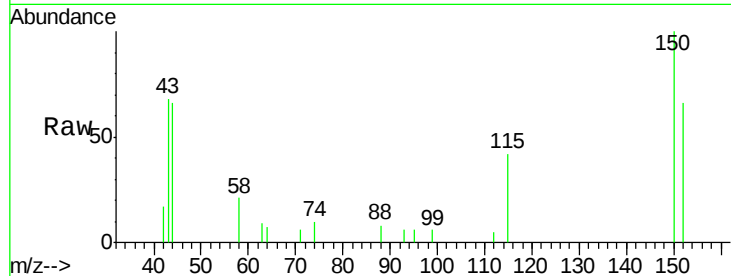


#1

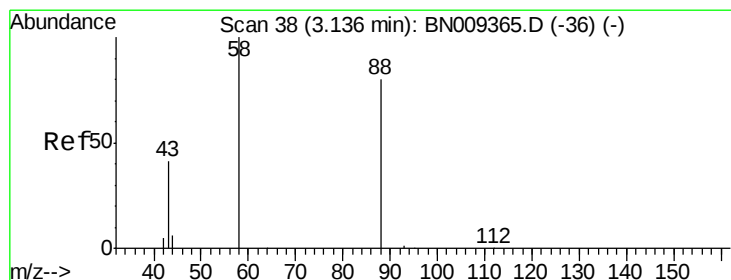
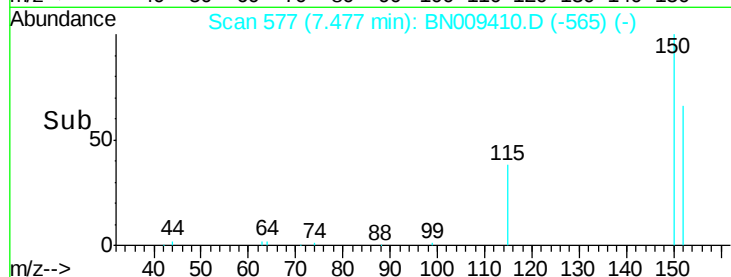
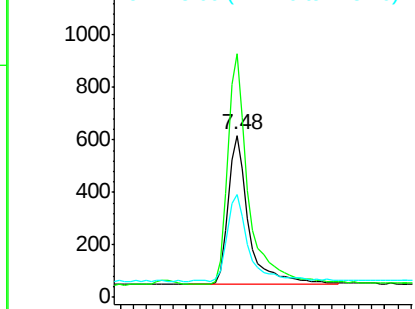
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009410.D
Acq: 21 Jan 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1241
Ion Ratio Lower Upper
152 100
150 150.6 125.7 188.5
115 63.3 53.3 79.9



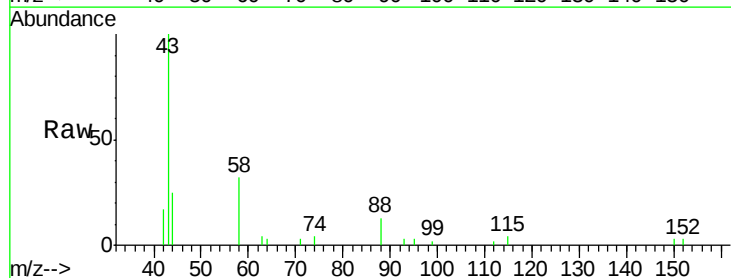
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



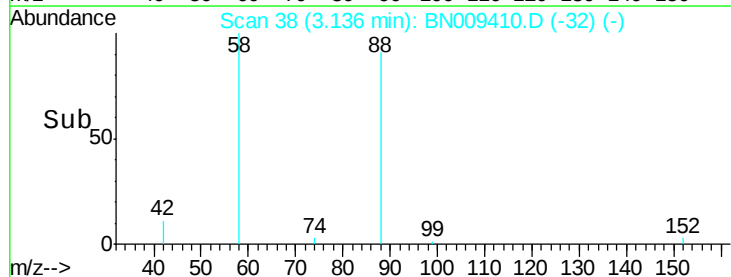
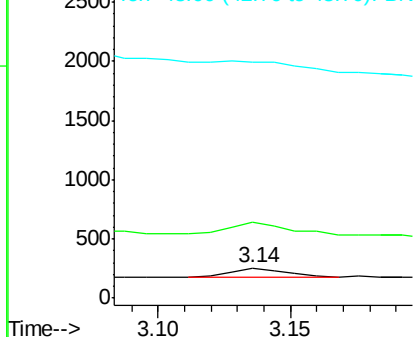
#2

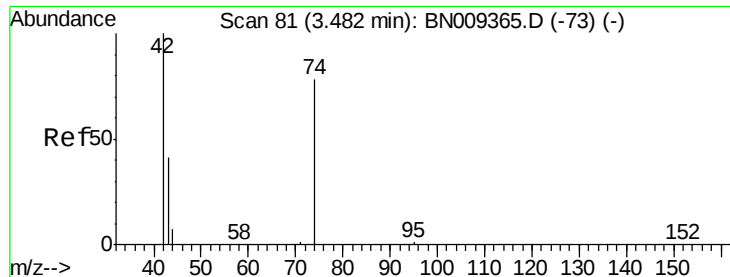
1,4-Dioxane
Concen: 0.093 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009410.D
Acq: 21 Jan 2020 12:16

Tgt Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
58 143.0 100.2 150.2
43 0.0 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



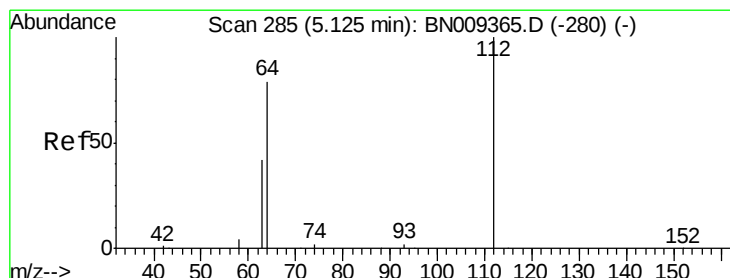
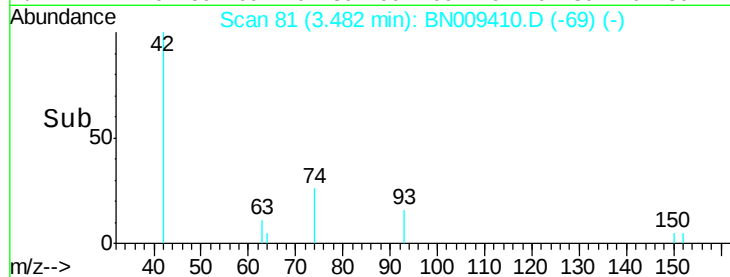
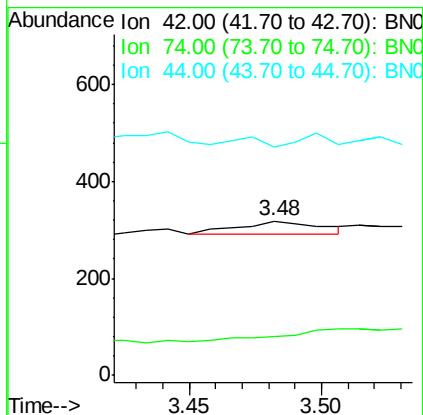
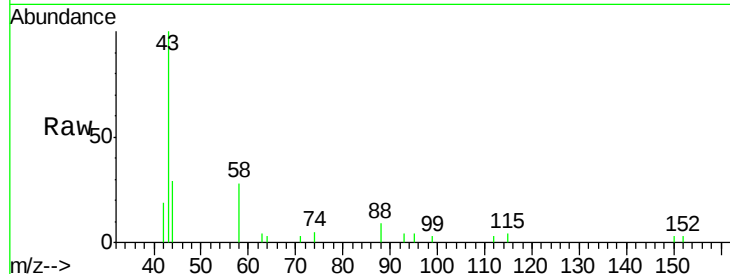


#3

n-Nitrosodimethylamine
 Concen: 0.031 ng
 RT: 3.48 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: BN009410.D
 Acq: 21 Jan 2020 12:16

Instrument :
 BNA_N
 ClientSampleId :

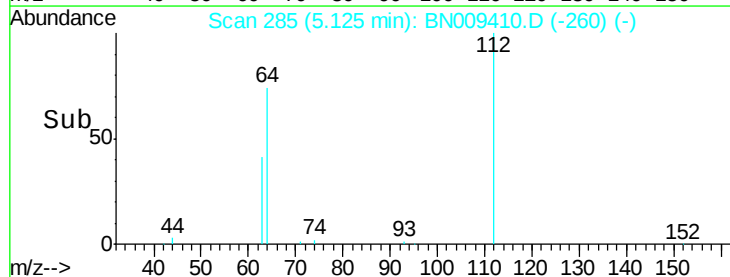
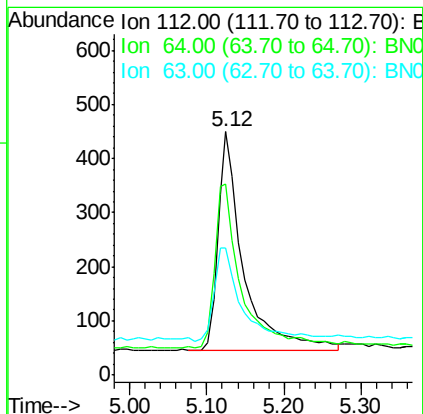
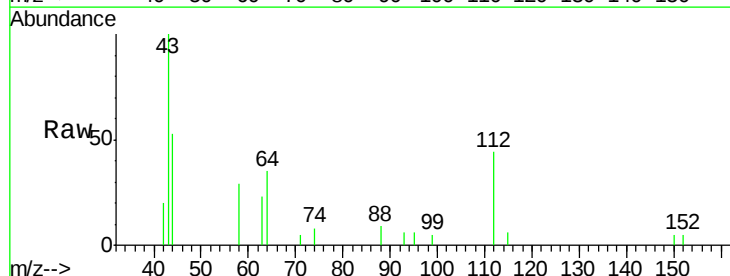
Tot Ion: 42 Resp: 61
 Ion Ratio Lower Upper
 42 100
 74 0.0 55.8 83.8#
 44 26.2 11.1 16.7#

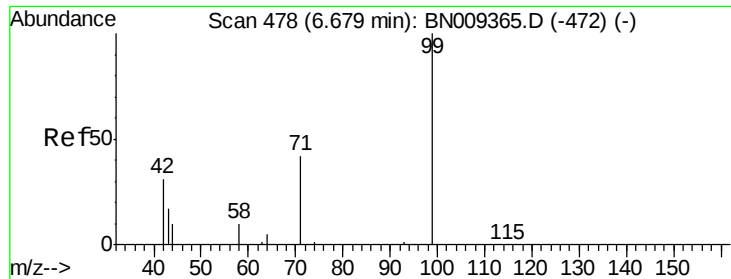


#4

2-Fluorophenol
 Concen: 0.328 ng
 RT: 5.12 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BN009410.D
 Acq: 21 Jan 2020 12:16

Tgt Ion: 112 Resp: 936
 Ion Ratio Lower Upper
 112 100
 64 79.0 61.5 92.3
 63 46.7 35.0 52.4





#5

Phenol-d6

Concen: 0.278 ng

RT: 6.70 min Scan# 480

Delta R.T. 0.02 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

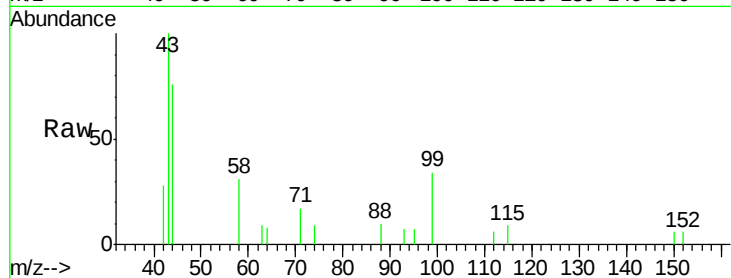
Tot Ion: 99 Resp: 920

Ion Ratio Lower Upper

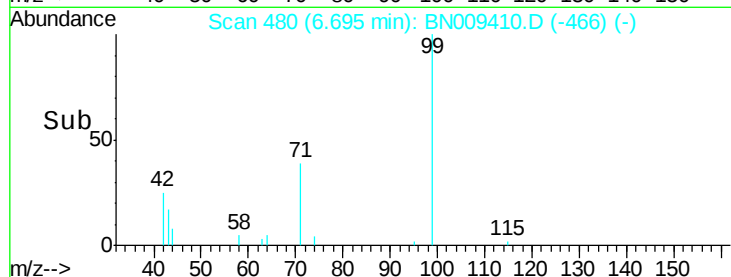
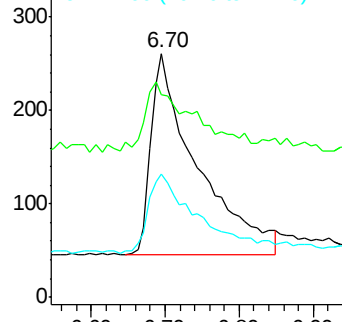
99 100

42 37.7 27.6 41.4

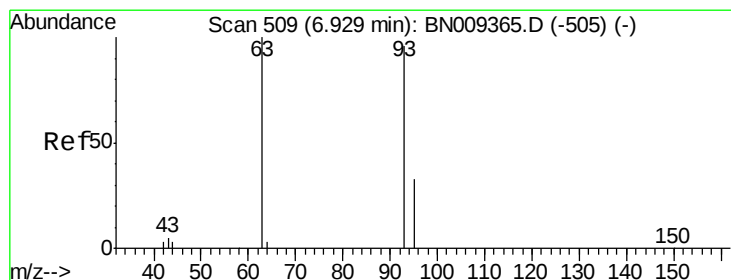
71 44.3 33.0 49.6



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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.069 ng

RT: 6.94 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

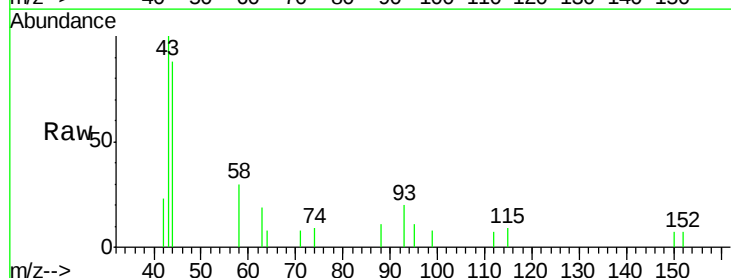
Tgt Ion: 93 Resp: 234

Ion Ratio Lower Upper

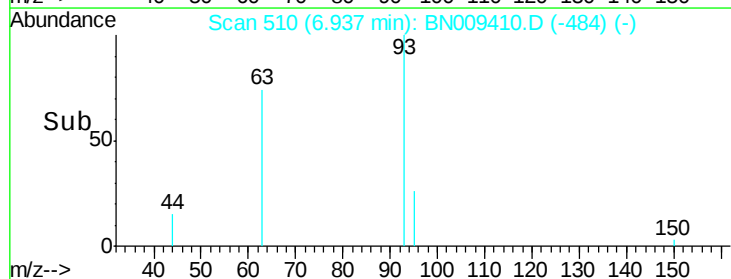
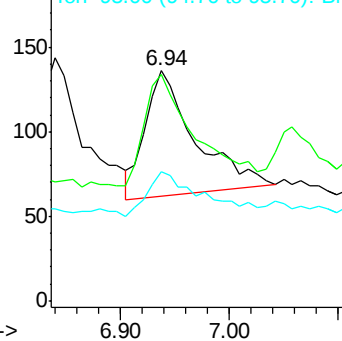
93 100

63 92.3 85.1 127.7

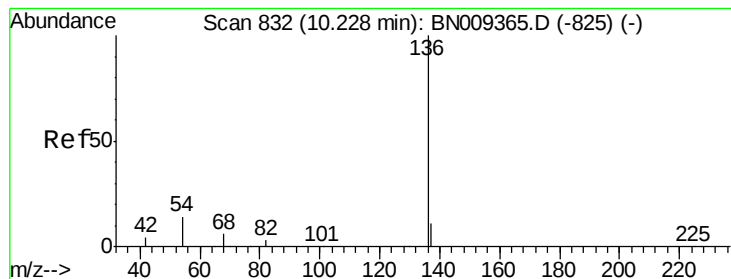
95 39.3 30.2 45.4



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 4022

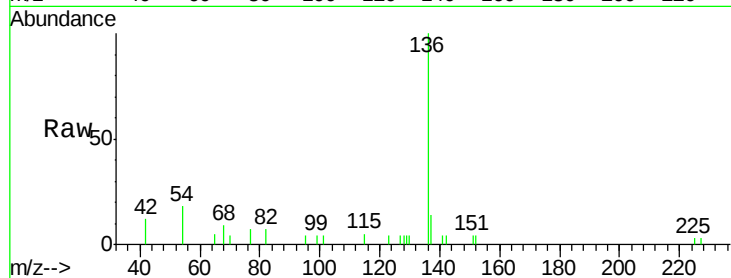
Ion Ratio Lower Upper

136 100

137 14.3 10.3 15.5

54 17.6 12.6 19.0

68 9.4 6.5 9.7

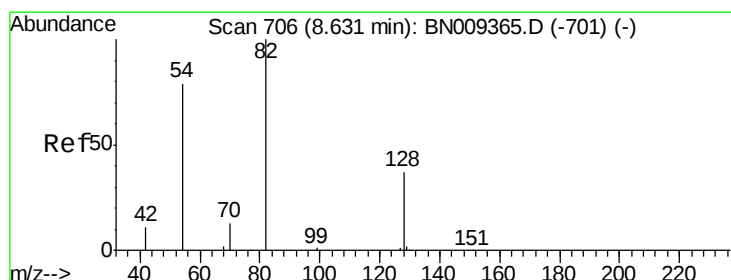
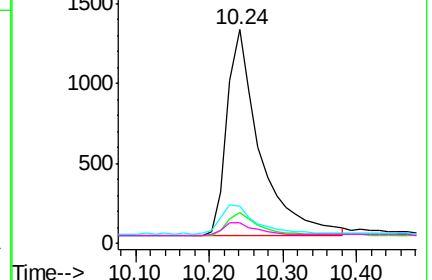
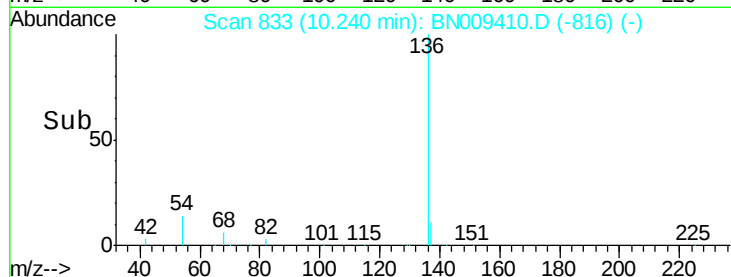


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.286 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

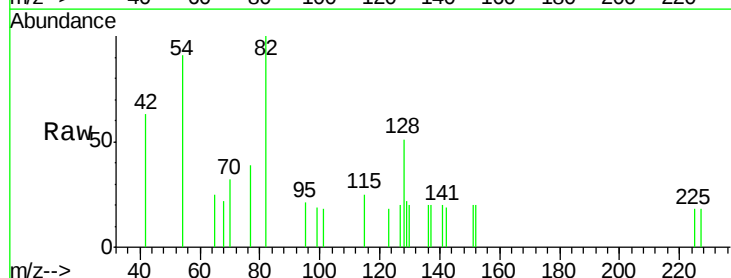
Tgt Ion: 82 Resp: 917

Ion Ratio Lower Upper

82 100

128 51.0 34.8 52.2

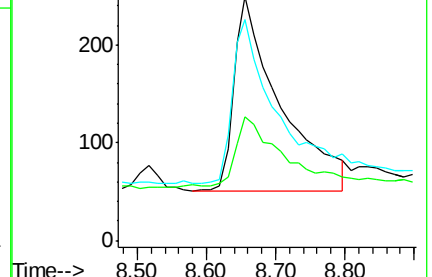
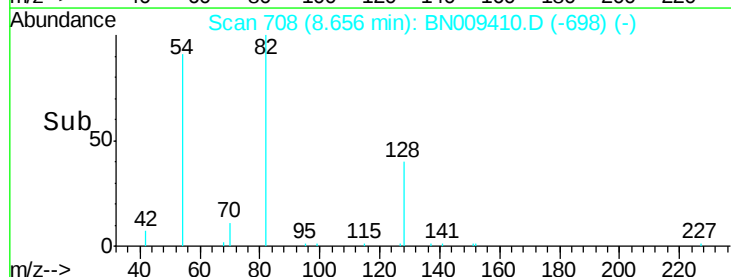
54 90.8 65.8 98.6

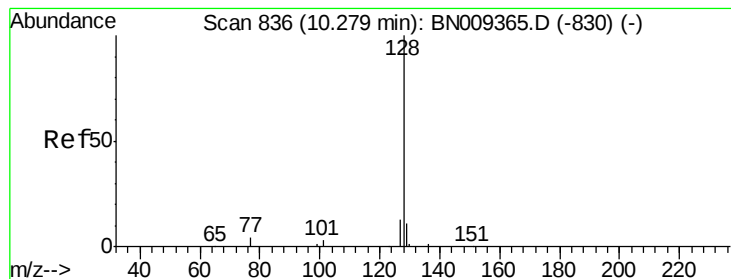


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.090 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

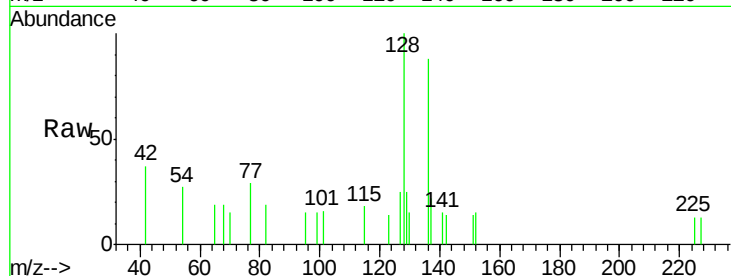
Tot Ion:128 Resp: 976

Ion Ratio Lower Upper

128 100

129 25.2 10.4 15.6#

127 24.6 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

10.29

400

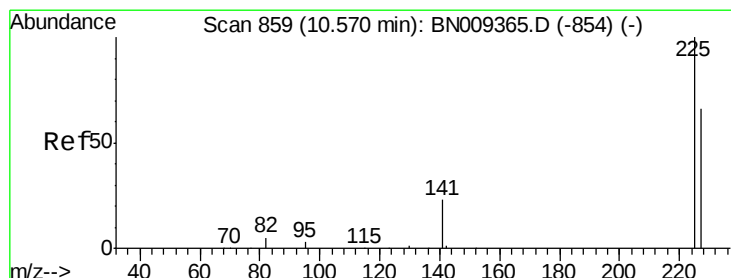
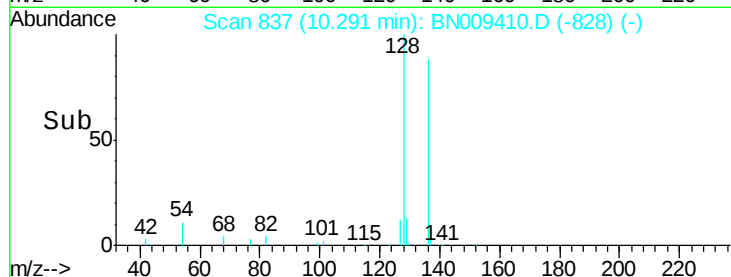
300

200

100

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.090 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

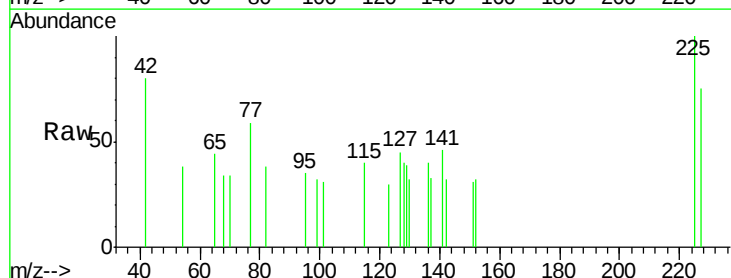
Tgt Ion:225 Resp: 215

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 66.5 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

10.57

200

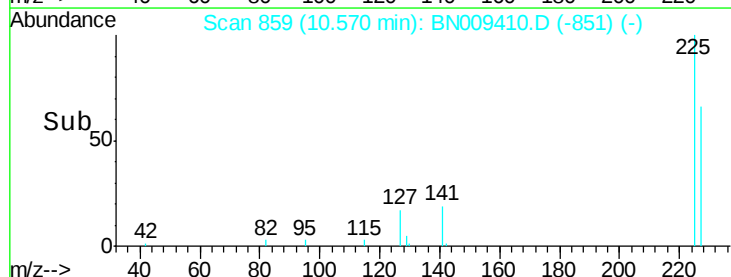
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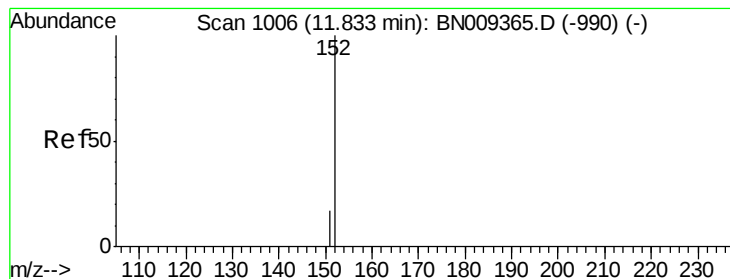
100

50

0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.271 ng

RT: 11.85 min Scan# 1010

Delta R.T. 0.02 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

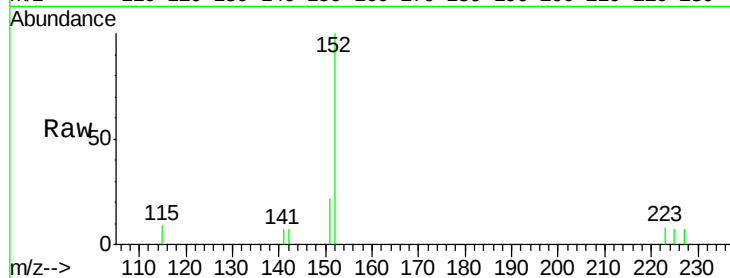
ClientSampleId :

Tot Ion:152 Resp: 2103

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

800

600

400

200

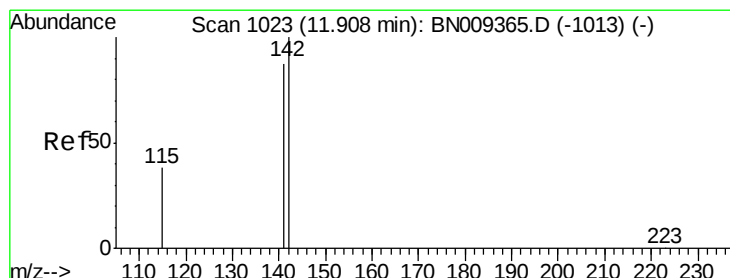
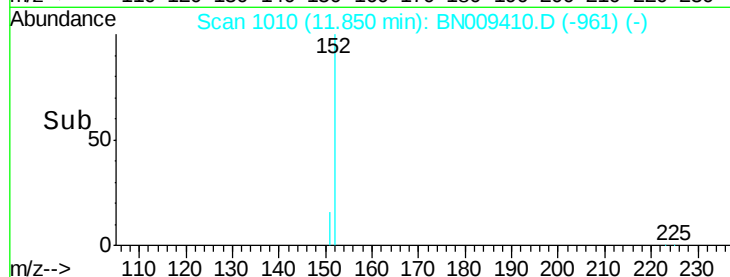
0

11.80

11.85

12.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.085 ng

RT: 11.92 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

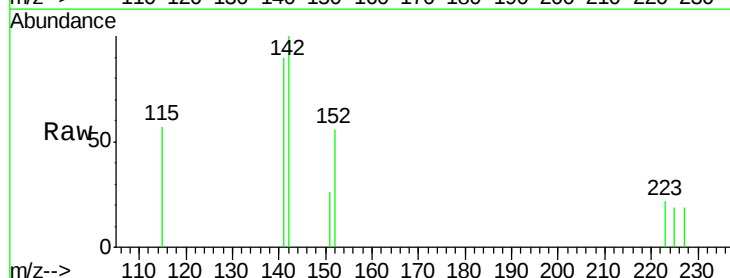
Tgt Ion:142 Resp: 642

Ion Ratio Lower Upper

142 100

141 90.0 69.8 104.6

115 57.1 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

400

300

200

100

0

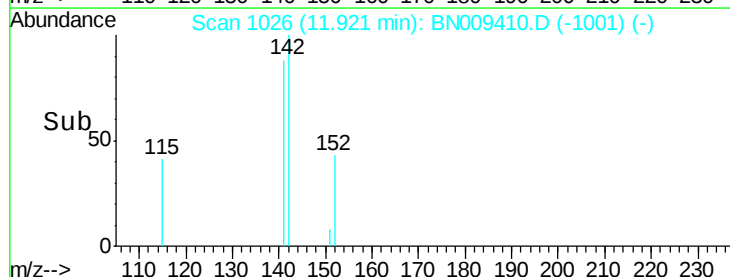
11.80

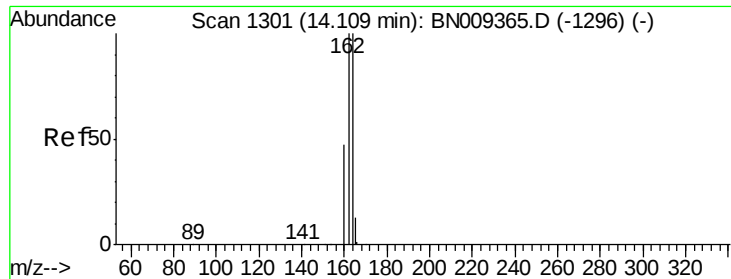
11.90

12.00

12.10

Time-->

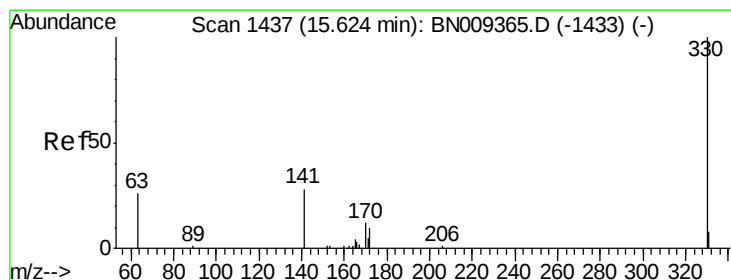
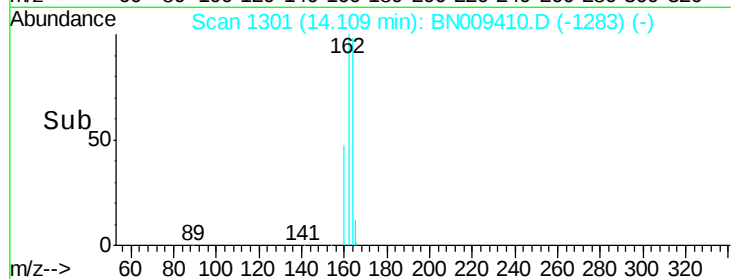
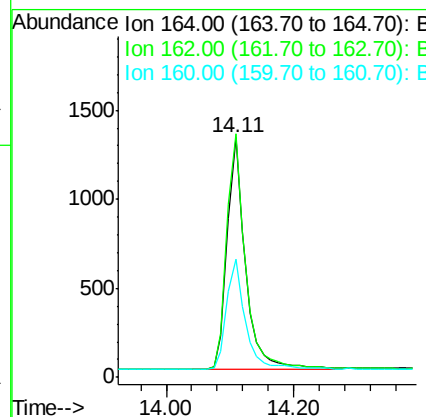
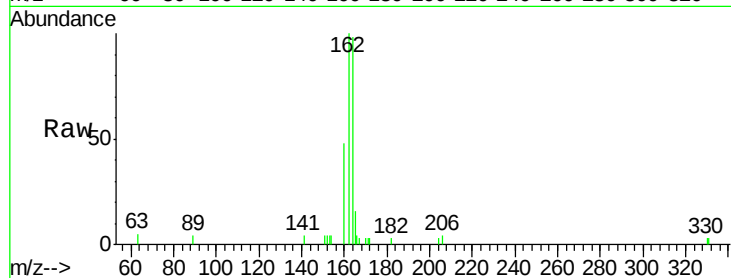




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.11 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BN009410.D
 Acq: 21 Jan 2020 12:16

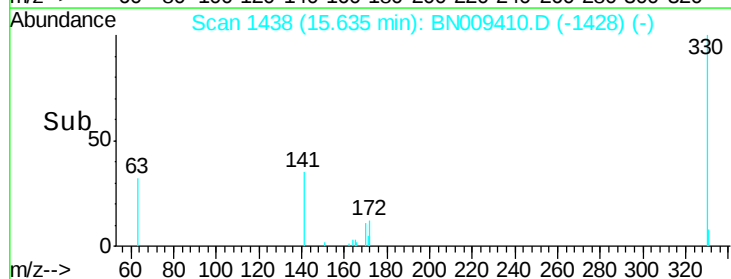
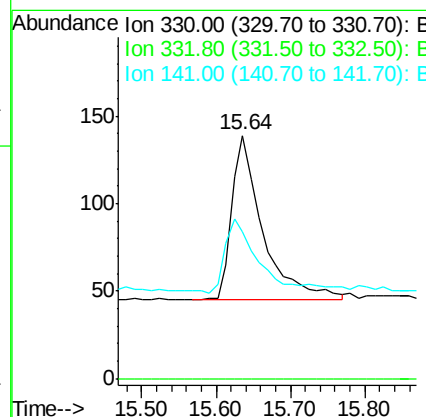
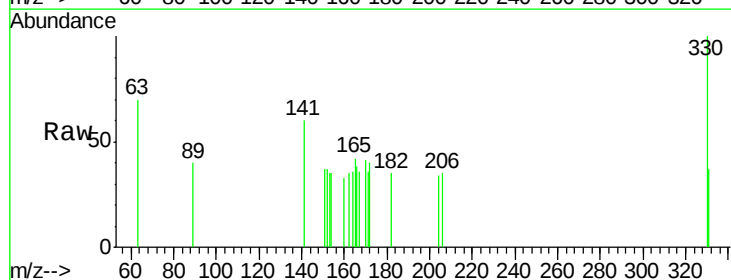
Instrument :
 BNA_N
 ClientSampleId :

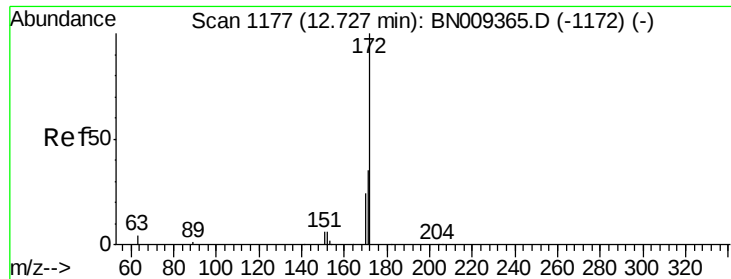
Tot Ion:164 Resp: 2585
 Ion Ratio Lower Upper
 164 100
 162 101.6 79.8 119.6
 160 49.1 38.4 57.6



#14
 2,4,6-Tribromophenol
 Concen: 0.278 ng
 RT: 15.64 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BN009410.D
 Acq: 21 Jan 2020 12:16

Tgt Ion:330 Resp: 272
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 46.3 33.1 49.7

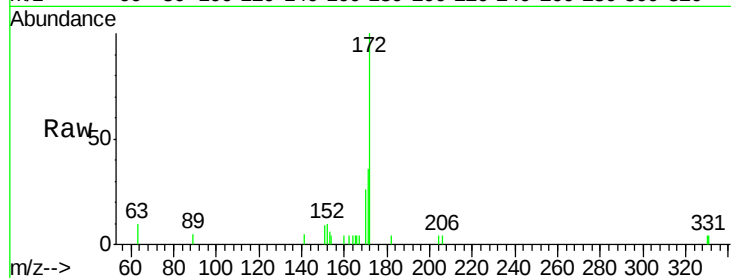




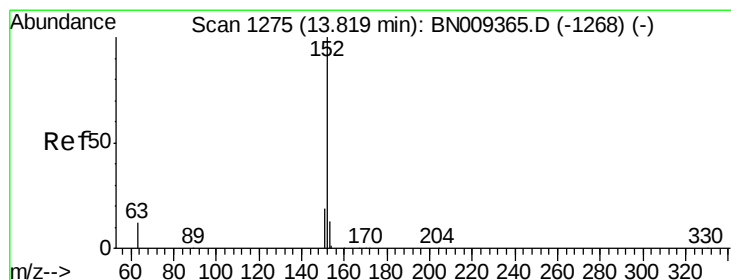
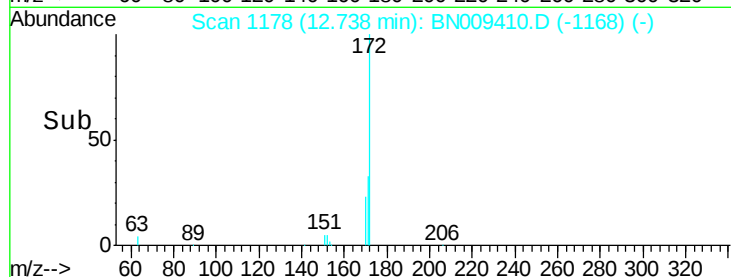
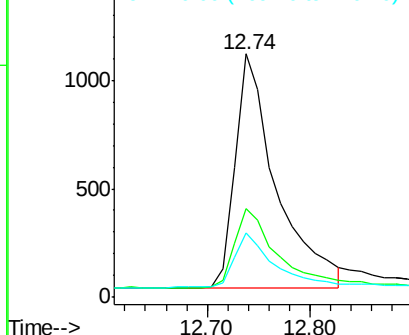
#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.74 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN009410.D
Acq: 21 Jan 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 2970
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 26.3 20.7 31.1

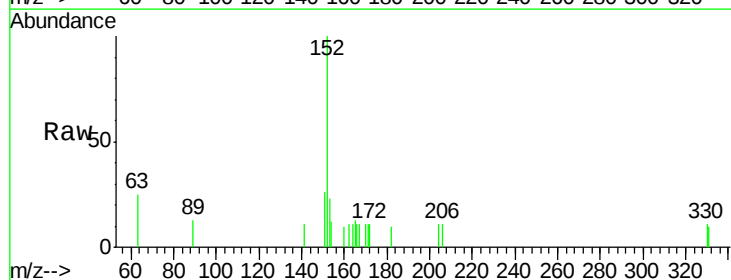


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

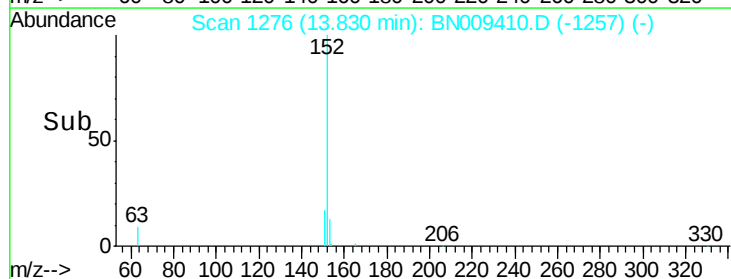
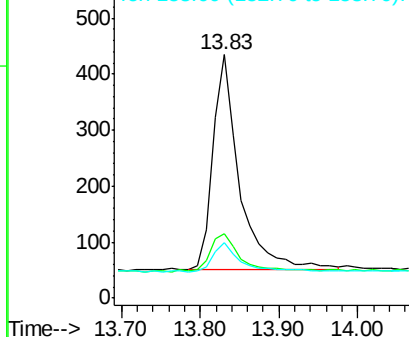


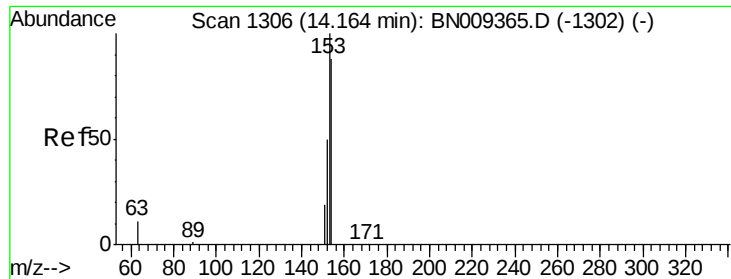
#16
Acenaphthylene
Concen: 0.081 ng
RT: 13.83 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BN009410.D
Acq: 21 Jan 2020 12:16

Tgt Ion:152 Resp: 907
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.2
153 14.0 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

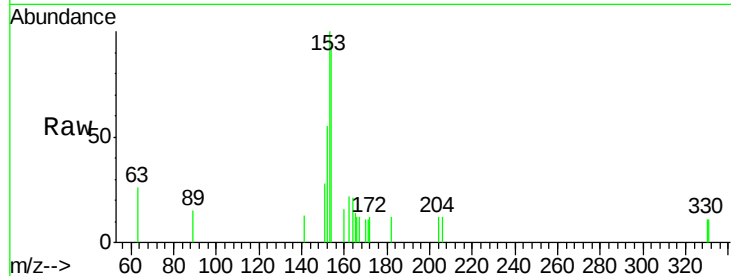




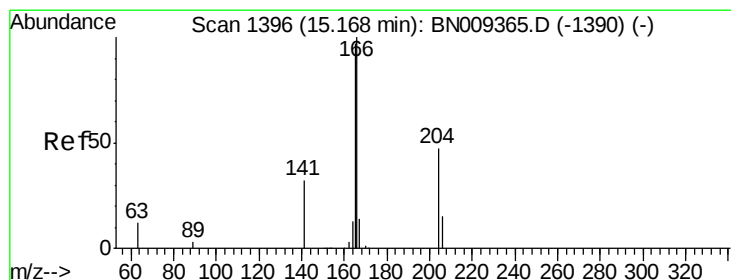
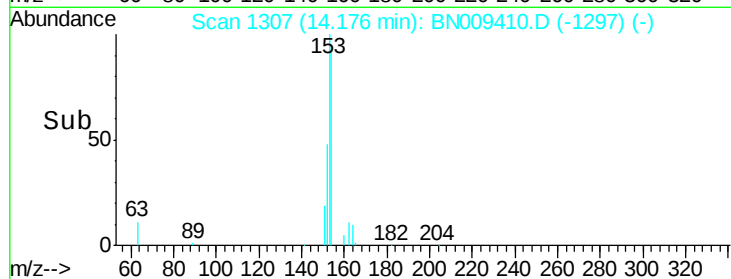
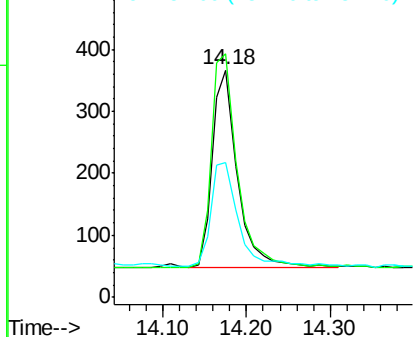
#17
Acenaphthene
Concen: 0.084 ng
RT: 14.18 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN009410.D
Acq: 21 Jan 2020 12:16

Instrument :
BNA_N
ClientSampled :

Tot Ion:154 Resp: 659
Ion Ratio Lower Upper
154 100
153 114.1 90.5 135.7
152 58.7 45.3 67.9

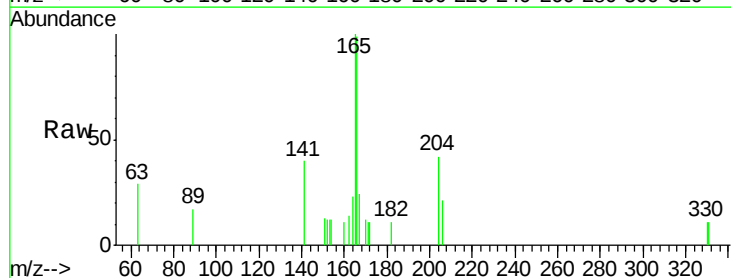


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

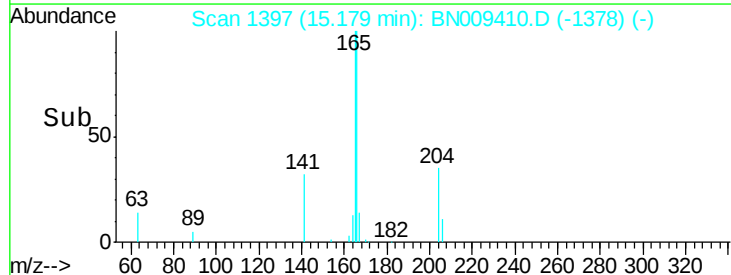
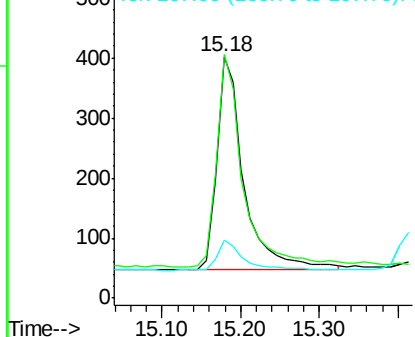


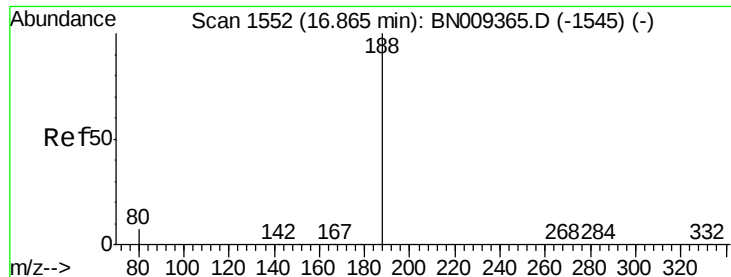
#18
Fluorene
Concen: 0.084 ng
RT: 15.18 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BN009410.D
Acq: 21 Jan 2020 12:16

Tgt Ion:166 Resp: 855
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 14.4 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: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

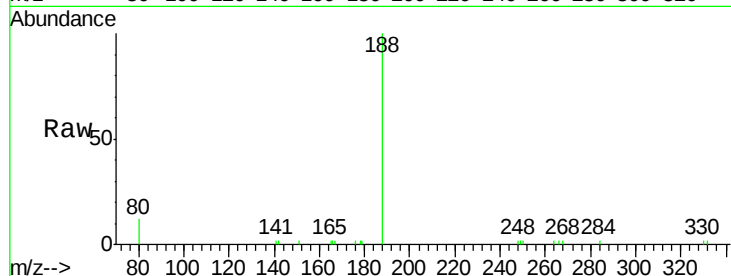
Tot Ion:188 Resp: 5928

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

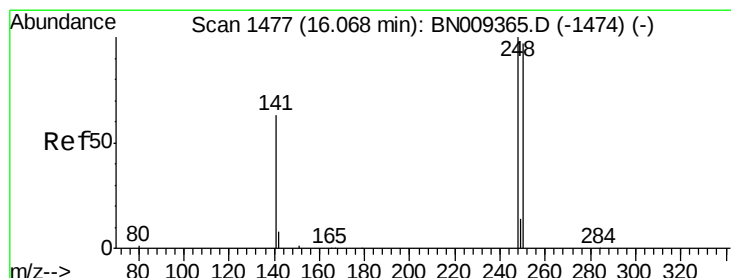
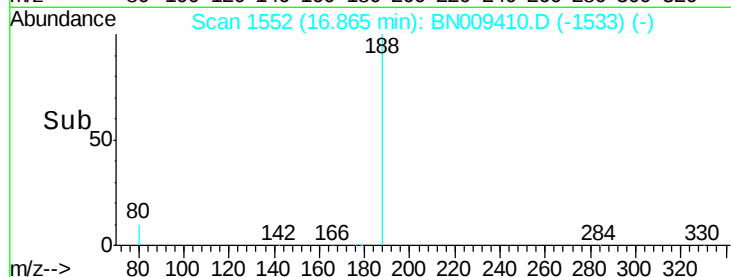
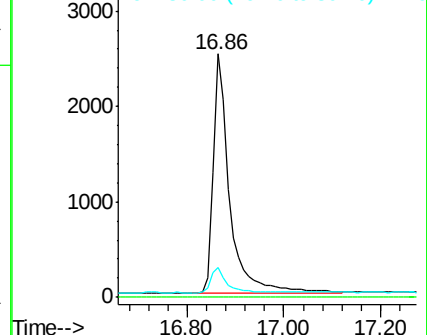
80 12.1 6.6 10.0#



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: 0.070 ng

RT: 16.08 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

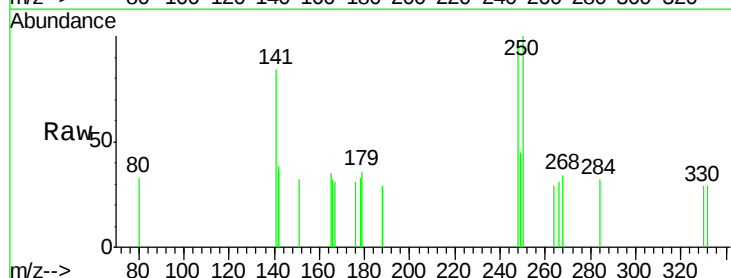
Tgt Ion:248 Resp: 251

Ion Ratio Lower Upper

248 100

250 103.3 77.8 116.8

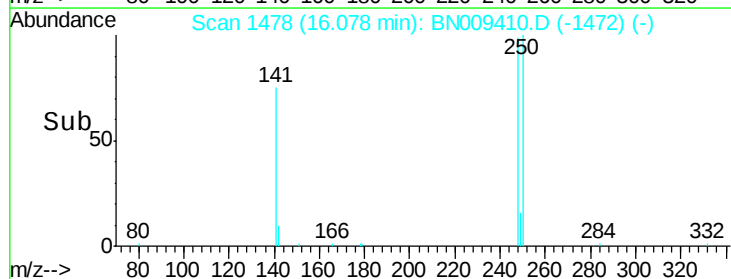
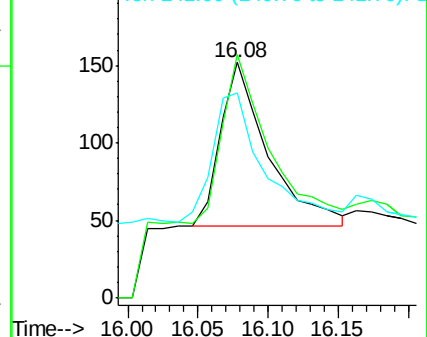
141 86.8 53.4 80.0#

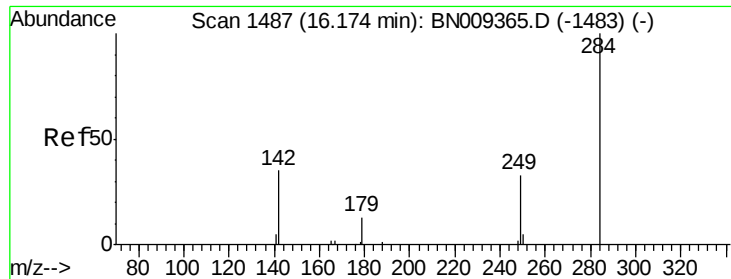


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.086 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

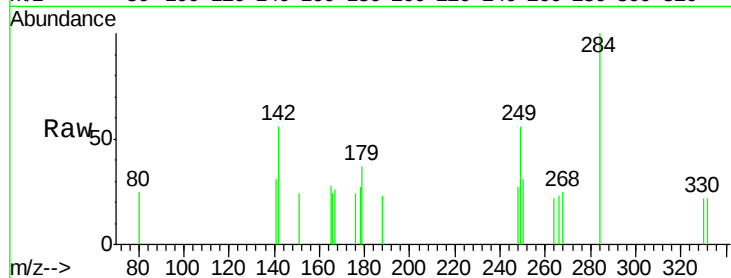
Tot Ion:284 Resp: 326

Ion Ratio Lower Upper

284 100

142 36.5 33.8 50.8

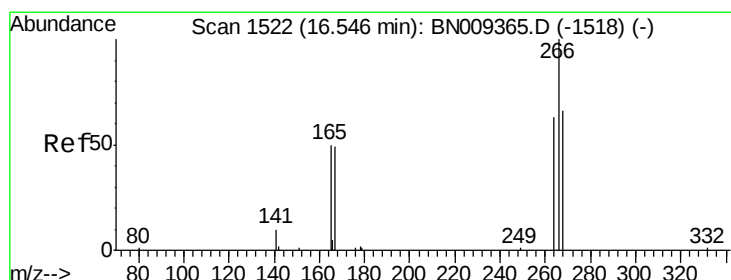
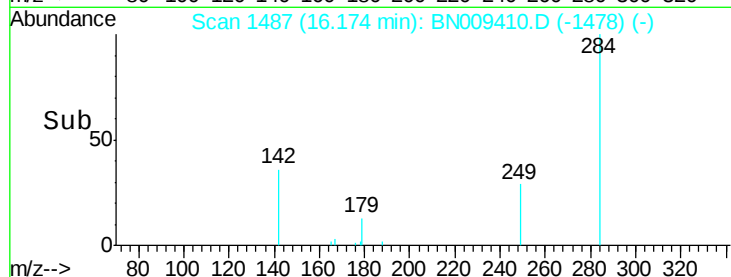
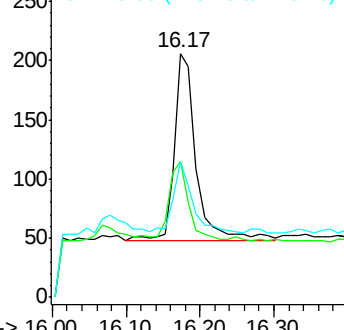
249 33.1 27.0 40.4



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: 0.156 ng

RT: 16.57 min Scan# 1524

Delta R.T. 0.02 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

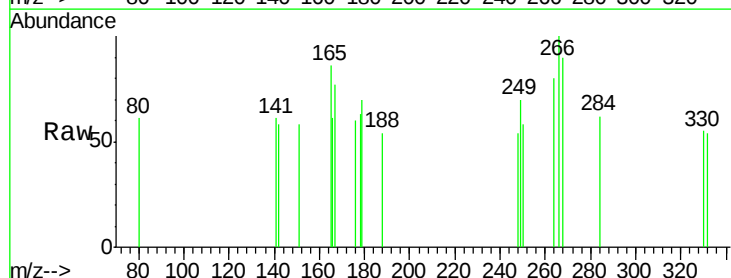
Tgt Ion:266 Resp: 166

Ion Ratio Lower Upper

266 100

264 79.8 57.8 86.6

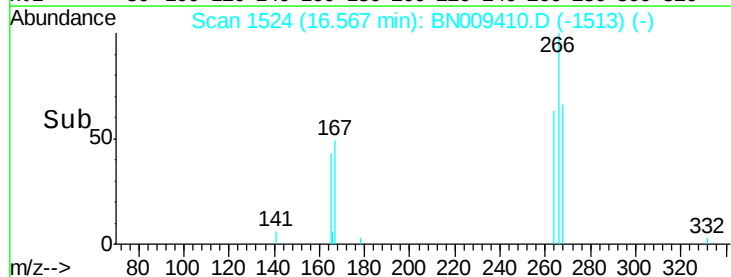
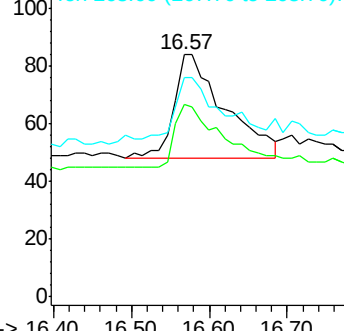
268 90.5 63.8 95.6



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: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampled :

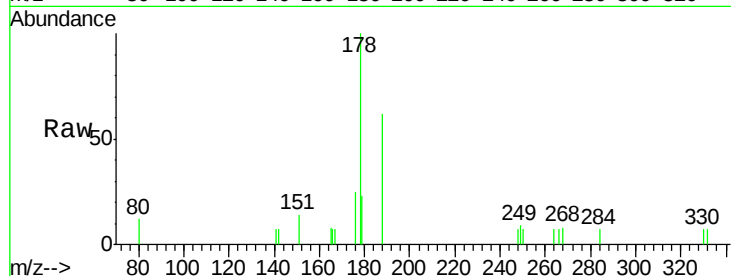
Tot Ion:178 Resp: 1434

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

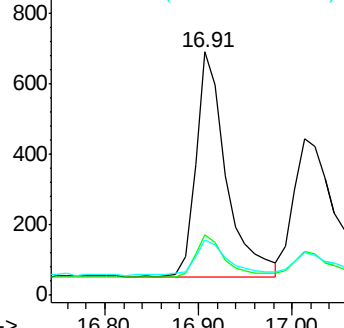
179 17.6 12.3 18.5



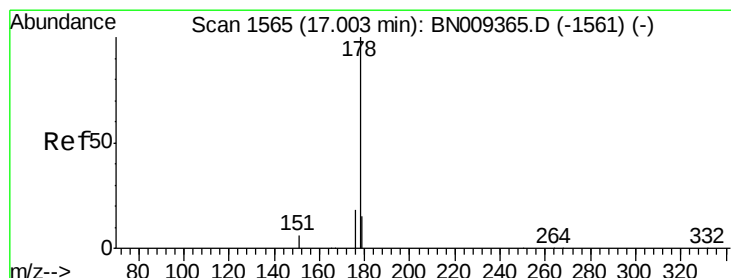
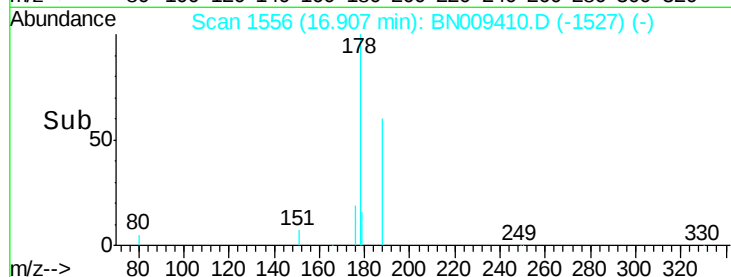
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.073 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

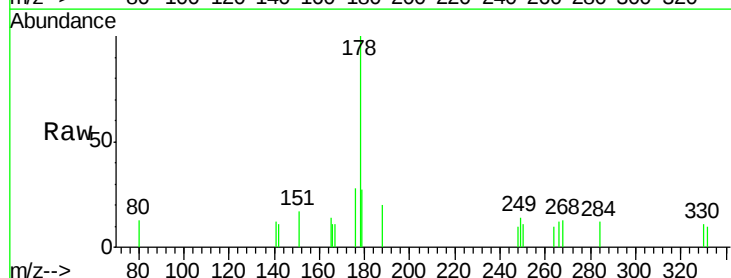
Tgt Ion:178 Resp: 1091

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

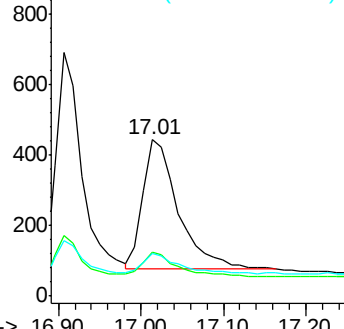
179 15.1 12.5 18.7



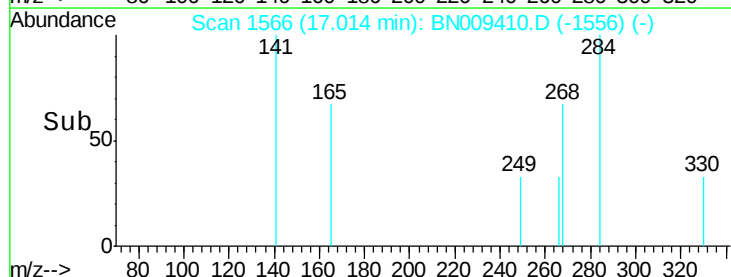
Abundance Ion 178.00 (177.70 to 178.70): E

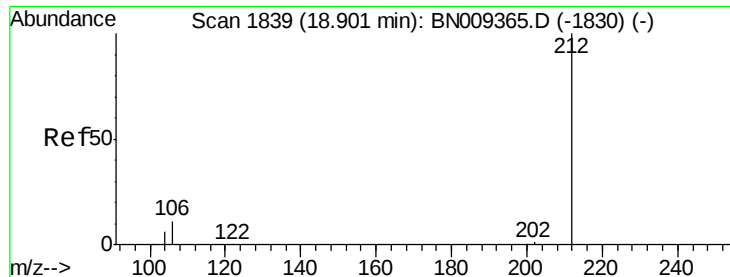
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.266 ng

RT: 18.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

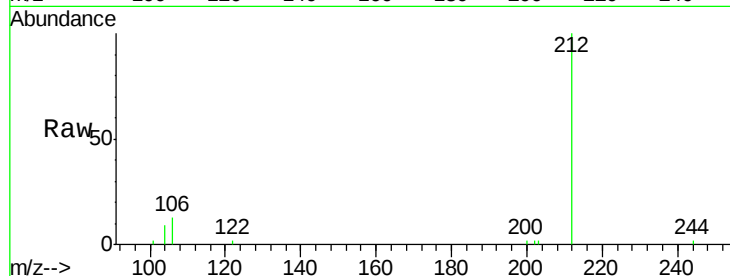
Tot Ion:212 Resp: 5407

Ion Ratio Lower Upper

212 100

106 12.0 9.2 13.8

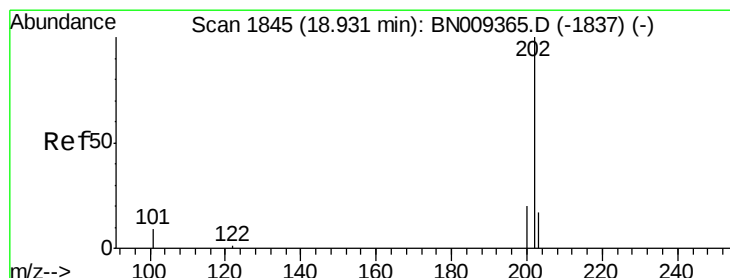
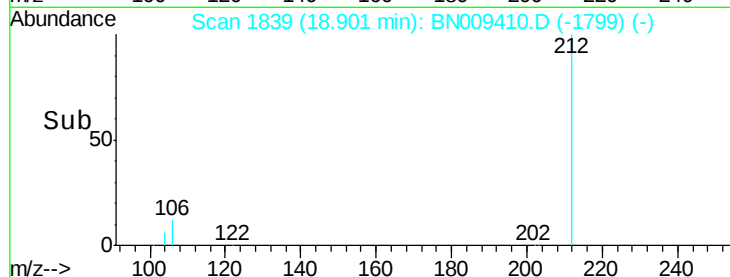
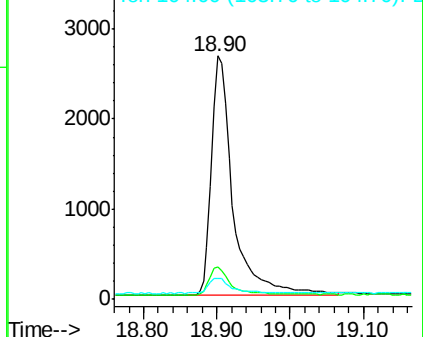
104 6.7 5.4 8.0



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: 0.089 ng

RT: 18.93 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

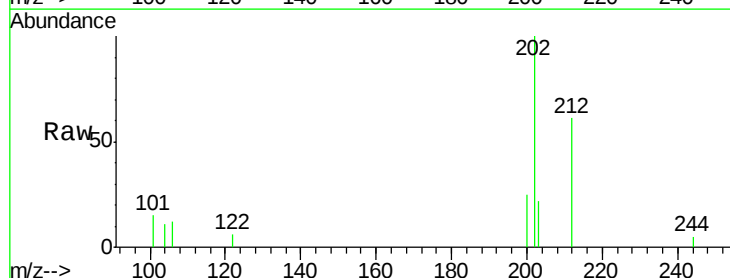
Tgt Ion:202 Resp: 1854

Ion Ratio Lower Upper

202 100

101 9.7 8.0 12.0

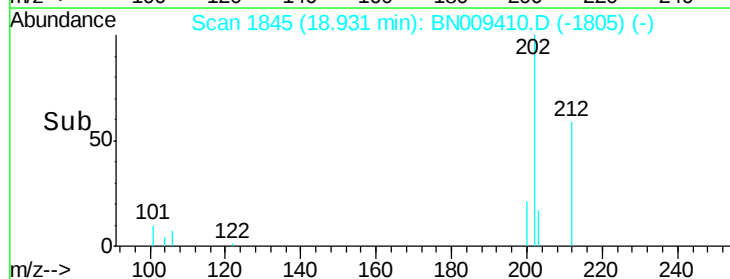
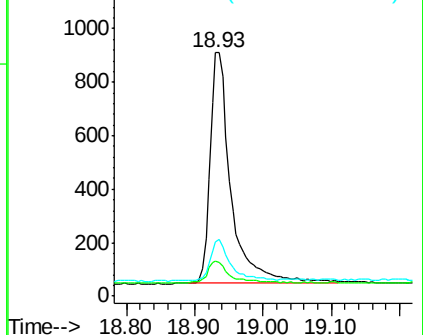
203 17.4 13.5 20.3

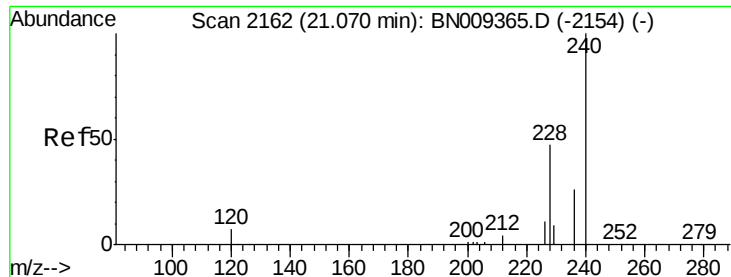


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

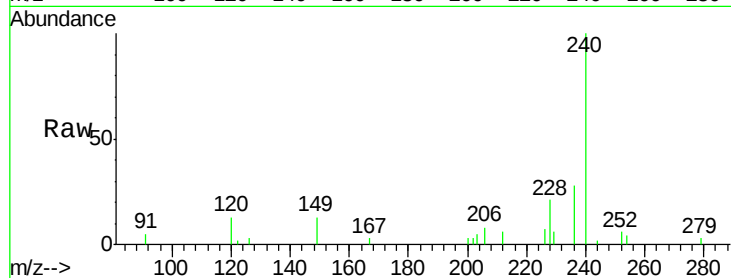
Tot Ion:240 Resp: 5366

Ion Ratio Lower Upper

240 100

120 13.0 8.1 12.1#

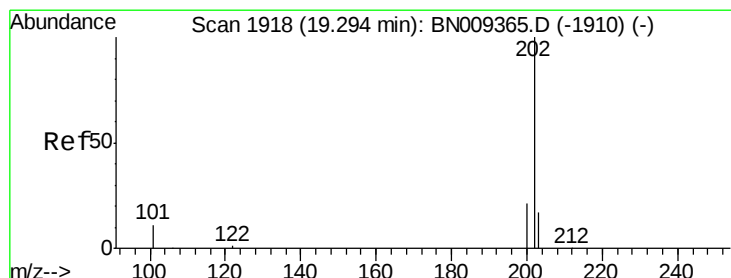
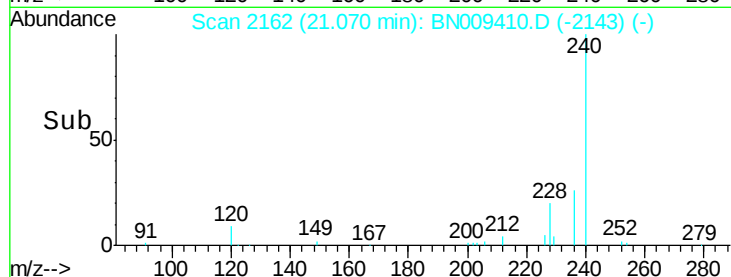
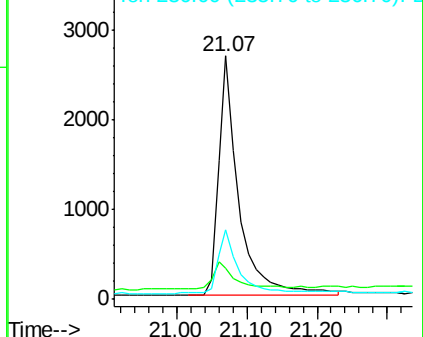
236 28.4 22.2 33.4



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

Pyrene

Concen: 0.092 ng

RT: 19.30 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

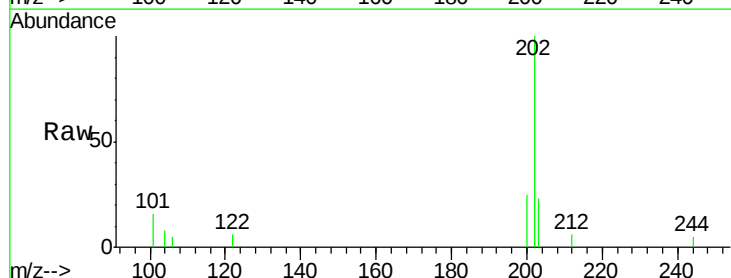
Tgt Ion:202 Resp: 1881

Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

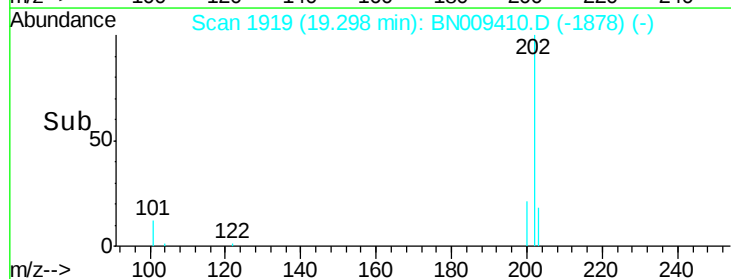
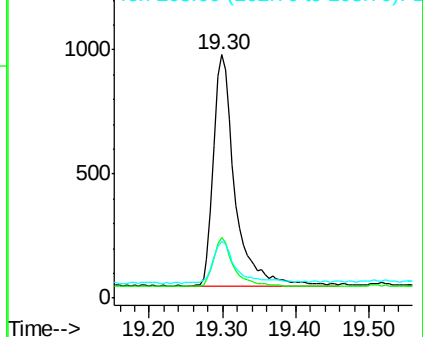
203 17.8 14.1 21.1

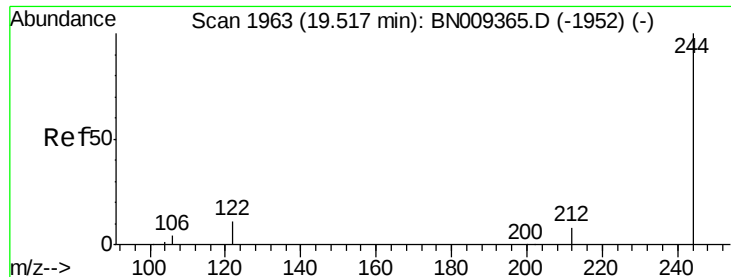


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.353 ng

RT: 19.52 min Scan# 1963

Delta R.T. -0.00 min

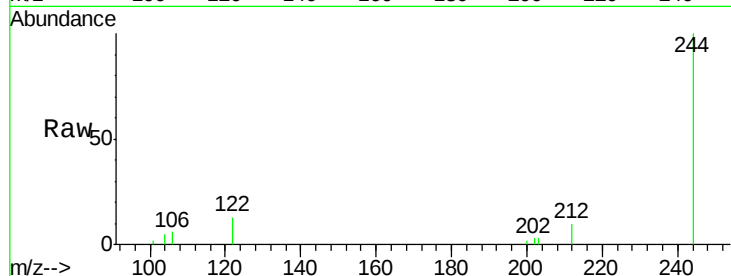
Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :



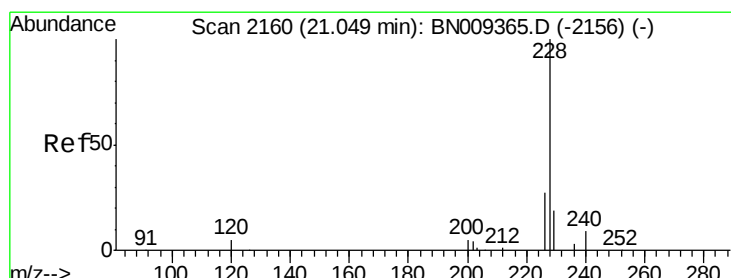
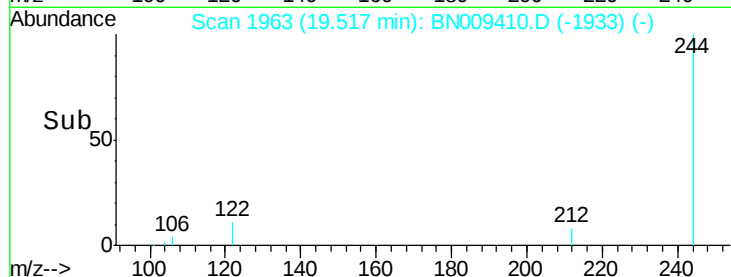
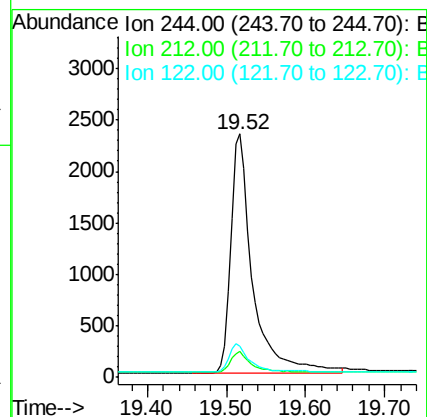
Tot Ion:244 Resp: 4483

Ion Ratio Lower Upper

244 100

212 10.4 7.5 11.3

122 12.8 9.8 14.6



#30

Benzo(a)anthracene

Concen: 0.072 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

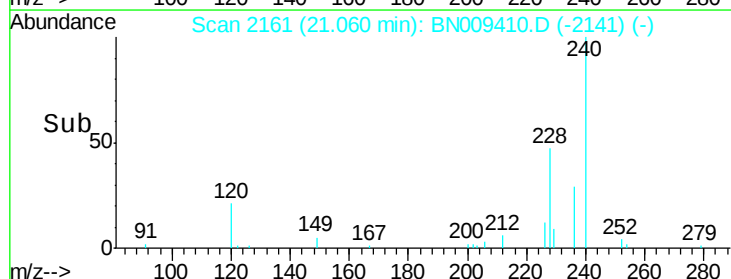
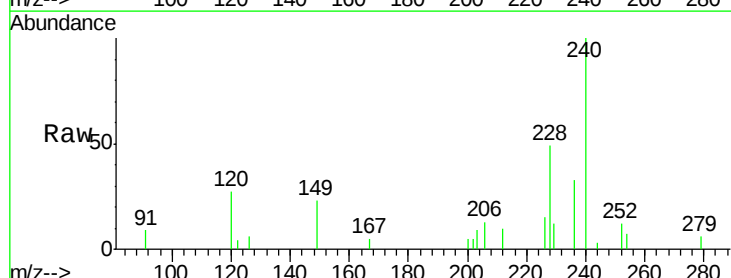
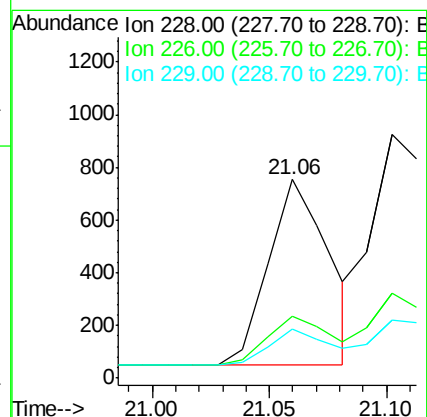
Tgt Ion:228 Resp: 1274

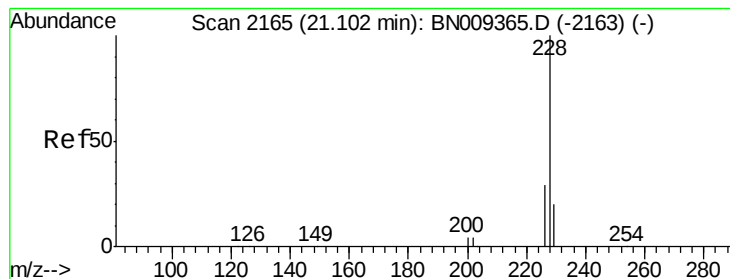
Ion Ratio Lower Upper

228 100

226 31.5 22.5 33.7

229 25.0 16.1 24.1#





#31

Chrysene

Concen: 0.094 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

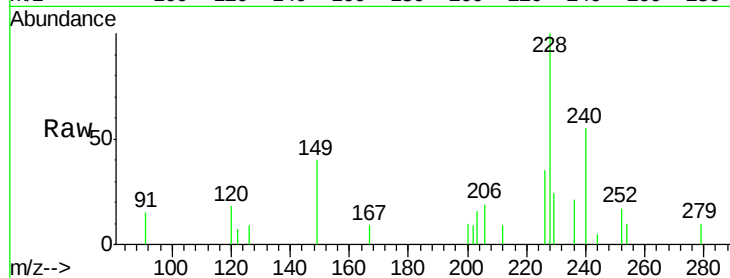
Tot Ion:228 Resp: 1898

Ion Ratio Lower Upper

228 100

226 34.8 23.8 35.8

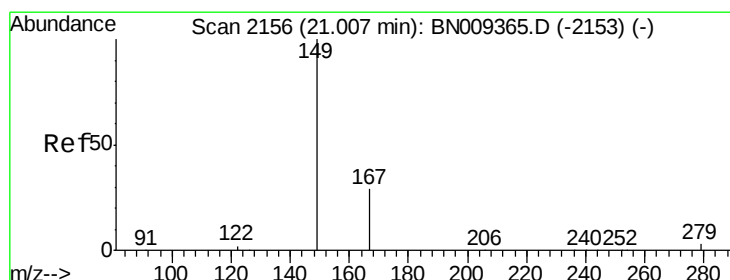
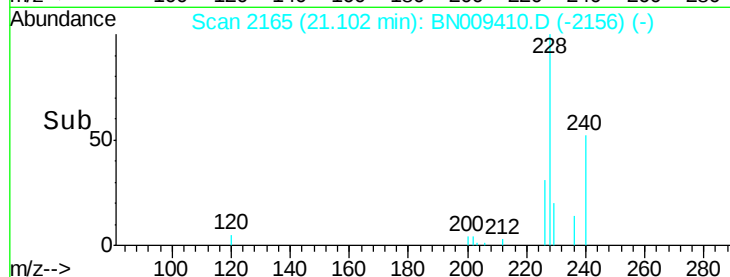
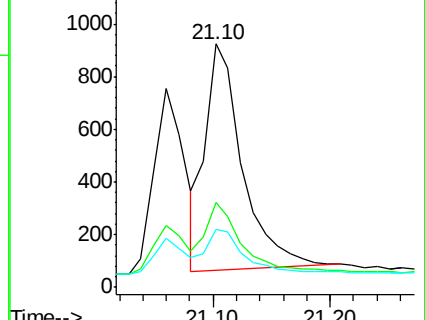
229 24.0 16.6 24.8



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: 0.093 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

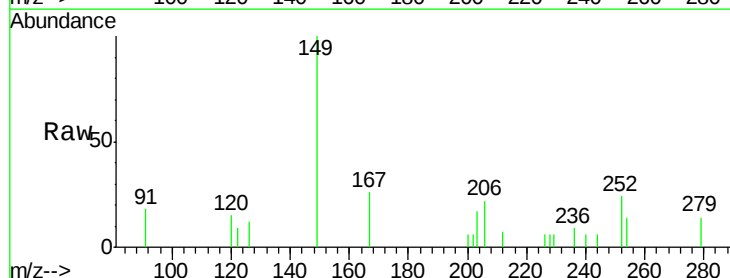
Tgt Ion:149 Resp: 723

Ion Ratio Lower Upper

149 100

167 25.3 22.9 34.3

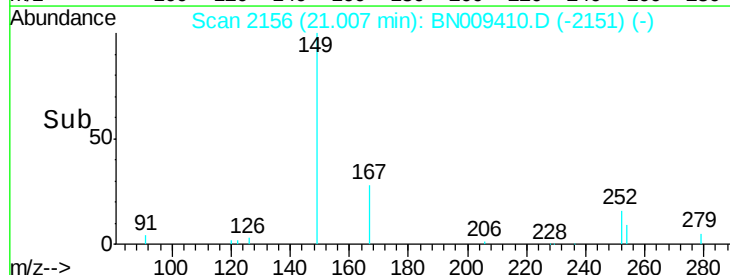
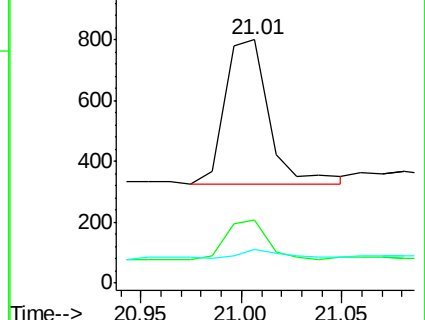
279 5.3 3.4 5.0#

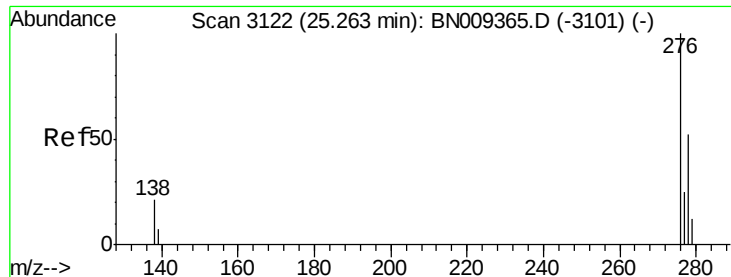


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

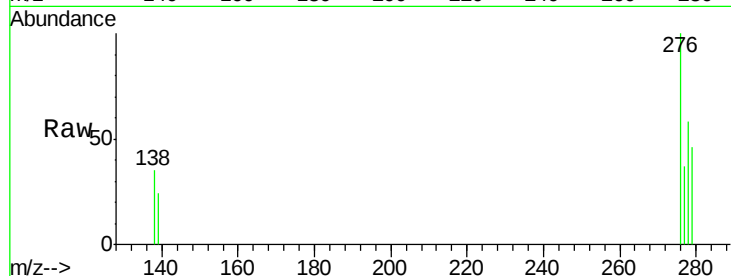




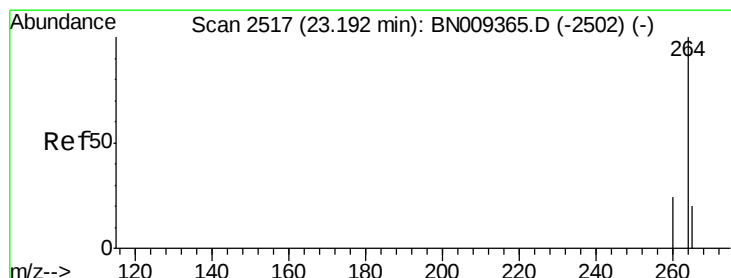
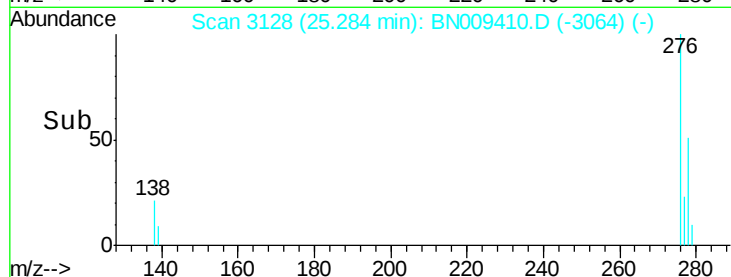
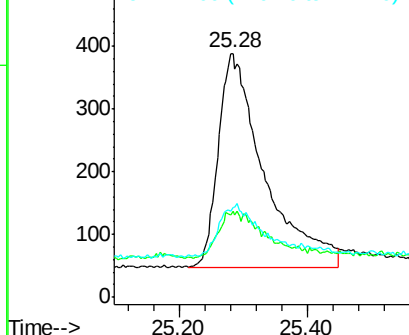
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng
RT: 25.28 min Scan# 3128
Delta R.T. 0.02 min
Lab File: BN009410.D
Acq: 21 Jan 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 1690
Ion Ratio Lower Upper
276 100
138 10.6 15.9 23.9#
277 21.5 19.8 29.6

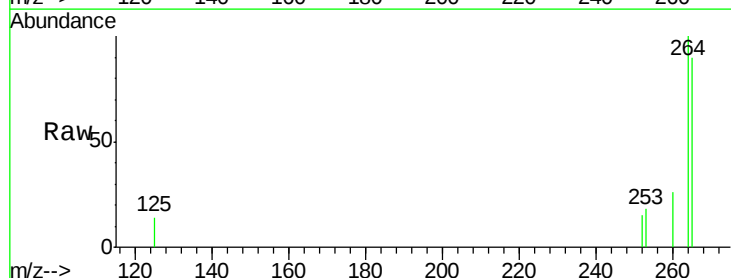


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

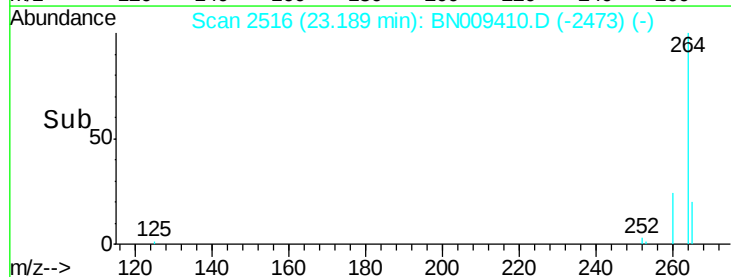
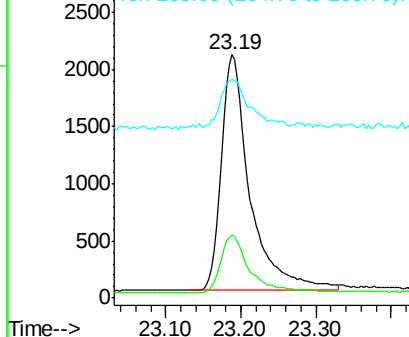


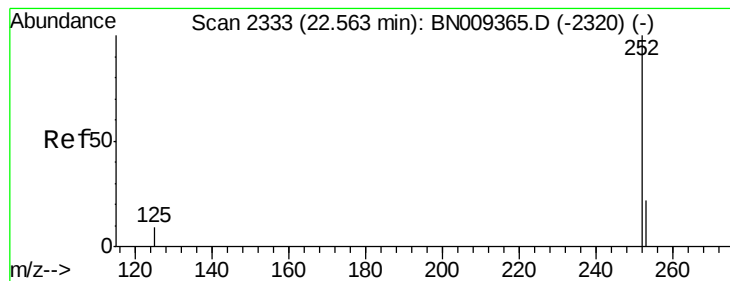
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BN009410.D
Acq: 21 Jan 2020 12:16

Tgt Ion:264 Resp: 5441
Ion Ratio Lower Upper
264 100
260 25.7 20.1 30.1
265 90.2 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: 0.077 ng

RT: 22.57 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampled :

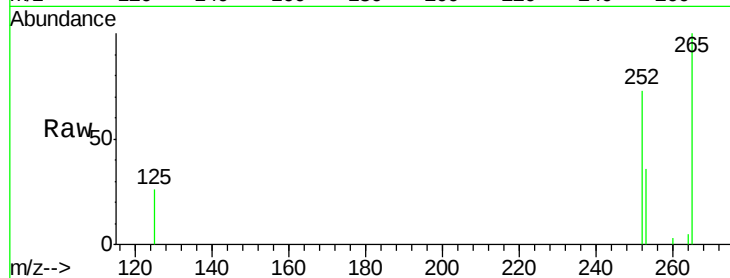
Tot Ion:252 Resp: 1544

Ion Ratio Lower Upper

252 100

253 49.0 22.4 33.6#

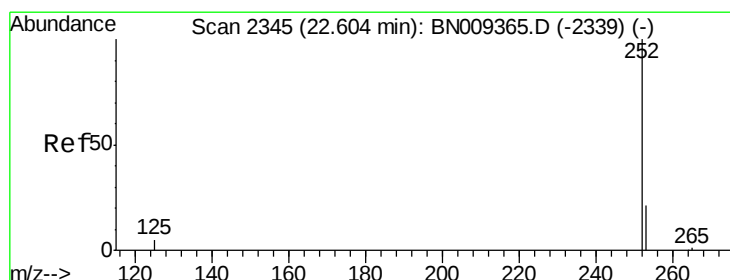
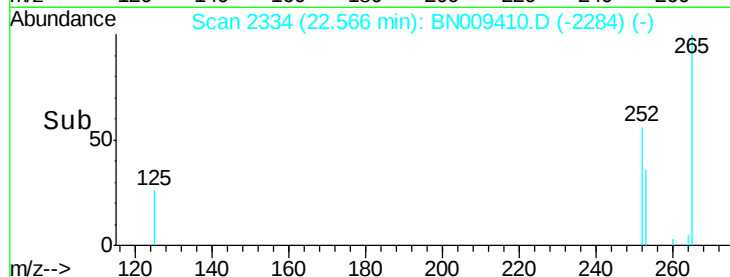
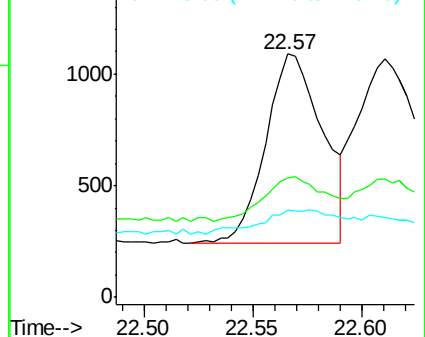
125 35.9 11.6 17.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.091 ng

RT: 22.61 min Scan# 2347

Delta R.T. 0.01 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

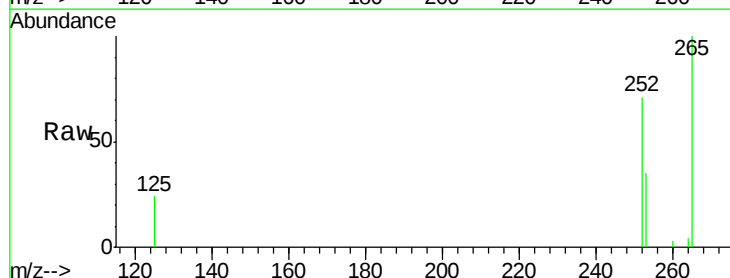
Tgt Ion:252 Resp: 2000

Ion Ratio Lower Upper

252 100

253 49.5 21.9 32.9#

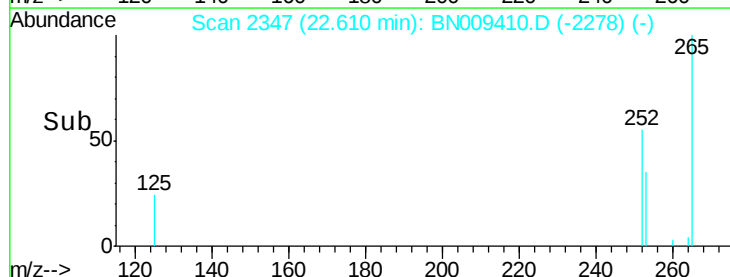
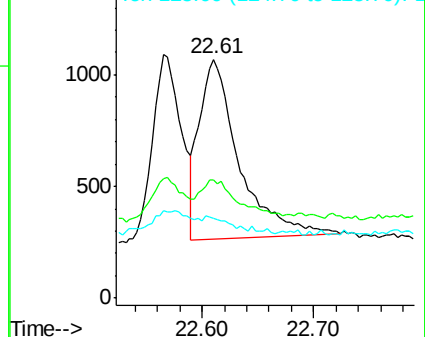
125 33.4 12.0 18.0#

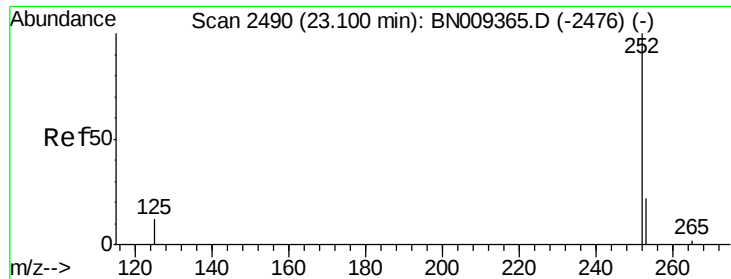


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.083 ng

RT: 23.11 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampled :

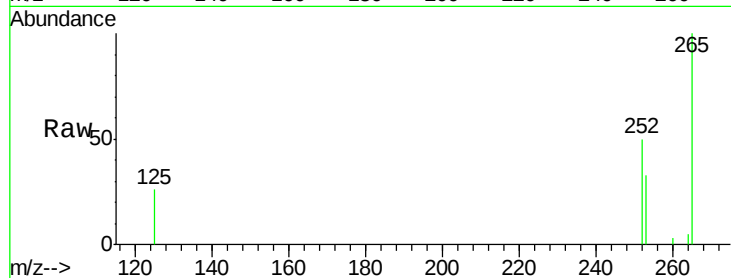
Tot Ion:252 Resp: 1464

Ion Ratio Lower Upper

252 100

253 64.9 25.4 38.0#

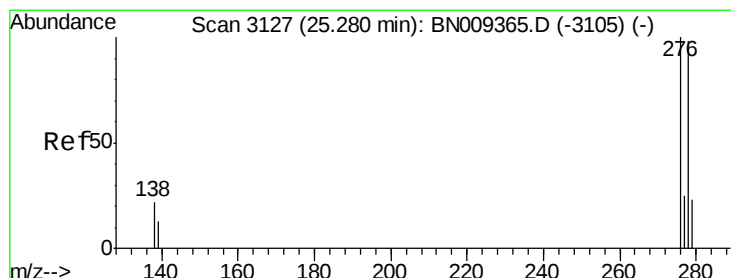
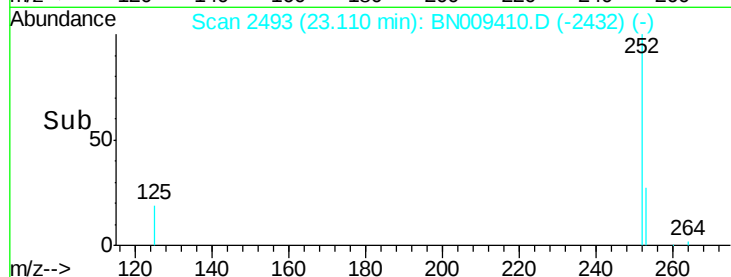
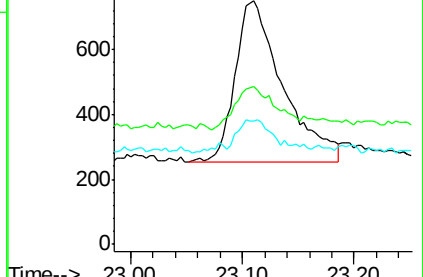
125 50.9 16.2 24.2#



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: 0.026 ng

RT: 25.30 min Scan# 3132

Delta R.T. 0.02 min

Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

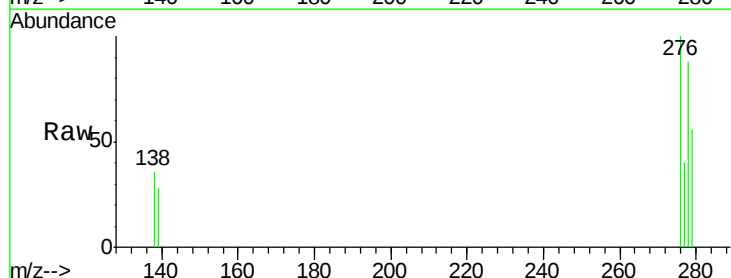
Tgt Ion:278 Resp: 458

Ion Ratio Lower Upper

278 100

139 31.4 14.5 21.7#

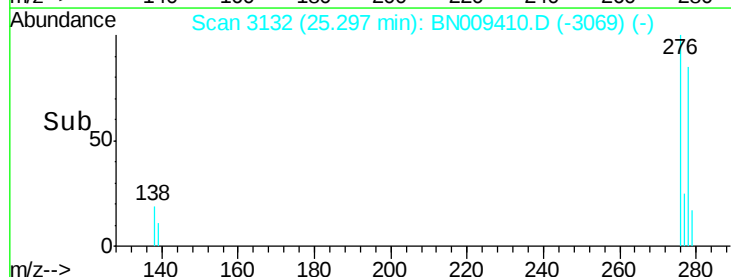
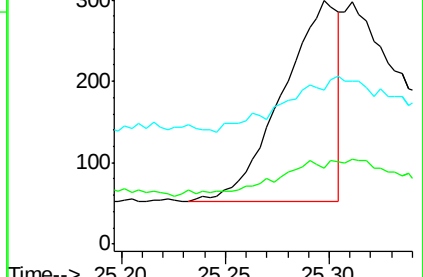
279 63.2 24.2 36.4#

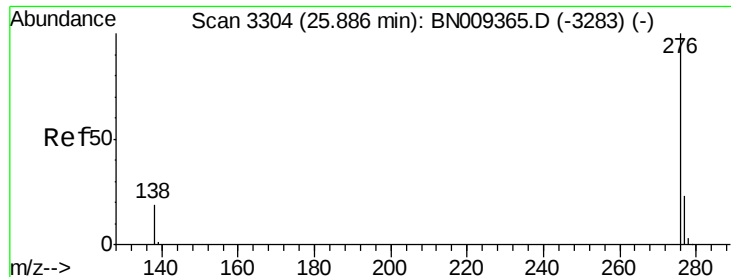


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.082 ng

RT: 25.90 min Scan# 3308

Delta R.T. 0.01 min

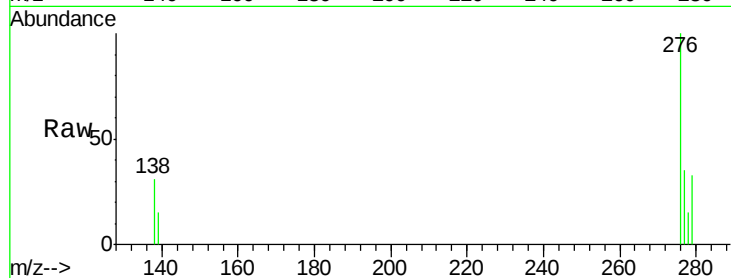
Lab File: BN009410.D

Acq: 21 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :



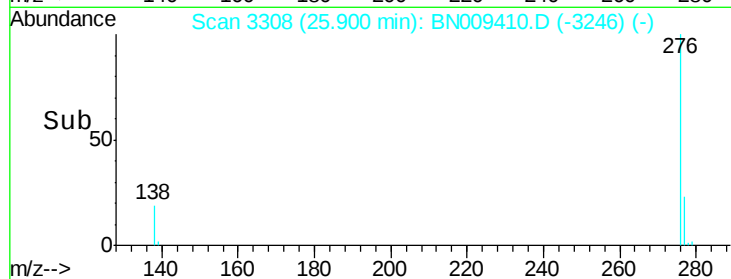
Tot Ion: 276 Resp: 1604

Ion Ratio Lower Upper

276 100

277 34.7 20.6 30.8#

138 31.1 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

