

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
 Data File : BN009378.D
 Acq On : 15 Jan 2020 14:24
 Operator : JU
 Sample : K3591-08
 Misc : LOO-W-0.1NG
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 15 16:14:05 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	1384	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4681	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	3122	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	6938	0.40	ng	0.00
27) Chrysene-d12	21.07	240	5975	0.40	ng	0.00
34) Perylene-d12	23.19	264	6145	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1205	0.38	ng	0.00
5) Phenol-d6	6.69	99	1304	0.35	ng	0.00
8) Nitrobenzene-d5	8.66	82	1208	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	11.85	152	2794	0.31	ng	0.01
14) 2,4,6-Tribromophenol	15.63	330	371	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.74	172	4028	0.34	ng	0.02
25) Fluoranthene-d10	18.90	212	7215	0.30	ng	0.00
29) Terphenyl-d14	19.51	244	5699	0.40	ng	0.00

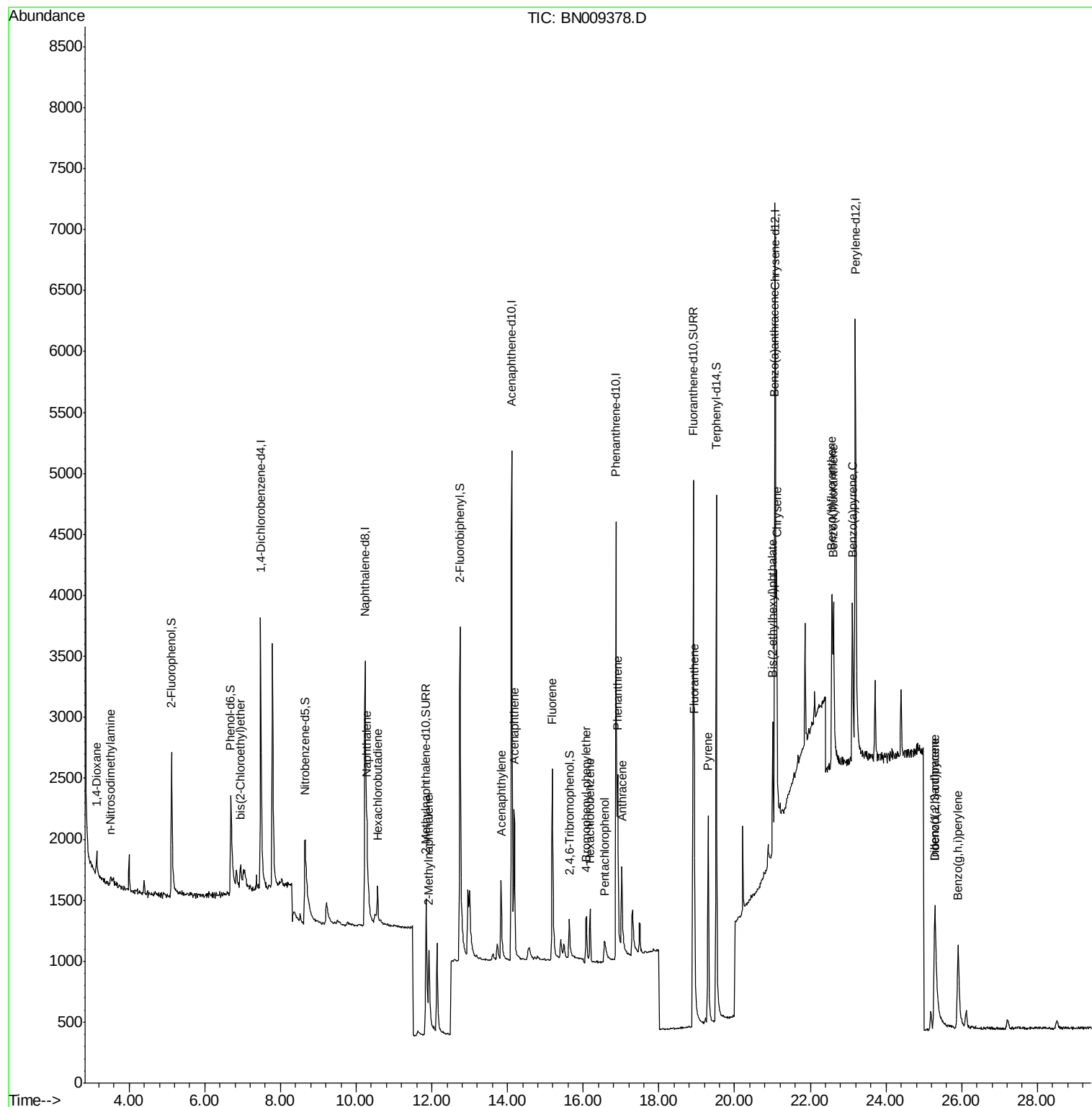
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	132	0.091	ng	92
3) n-Nitrosodimethylamine	3.51	42	77	0.035	ng	# 23
6) bis(2-Chloroethyl)ether	6.94	93	324	0.085	ng	# 78
9) Naphthalene	10.29	128	1100	0.087	ng	# 79
10) Hexachlorobutadiene	10.57	225	242	0.087	ng	# 93
12) 2-Methylnaphthalene	11.93	142	767	0.087	ng	# 94
16) Acenaphthylene	13.83	152	1036	0.077	ng	96
17) Acenaphthene	14.17	154	797	0.084	ng	97
18) Fluorene	15.18	166	1000	0.081	ng	99
20) 4-Bromophenyl-phenylether	16.08	248	309	0.074	ng	97
21) Hexachlorobenzene	16.18	284	356	0.080	ng	# 93
22) Pentachlorophenol	16.56	266	229	0.183	ng	96
23) Phenanthrene	16.91	178	1653	0.079	ng	98
24) Anthracene	17.02	178	1310	0.075	ng	95
26) Fluoranthene	18.93	202	2011	0.082	ng	99
28) Pyrene	19.30	202	2012	0.089	ng	99
30) Benzo(a)anthracene	21.06	228	1638	0.083	ng	94
31) Chrysene	21.11	228	1894	0.084	ng	96
32) Bis(2-ethylhexyl)phthalate	21.00	149	790	0.091	ng	99
33) Indeno(1,2,3-cd)pyrene	25.29	276	1900	0.081	ng	96
35) Benzo(b)fluoranthene	22.57	252	1818	0.080	ng	# 56
36) Benzo(k)fluoranthene	22.61	252	2204	0.088	ng	# 59
37) Benzo(a)pyrene	23.11	252	1715	0.086	ng	# 10
38) Dibenzo(a,h)anthracene	25.30	278	1581	0.079	ng	# 56
39) Benzo(g,h,i)perylene	25.90	276	1809	0.082	ng	# 83

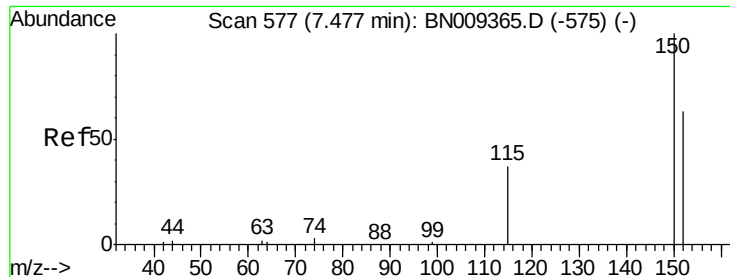
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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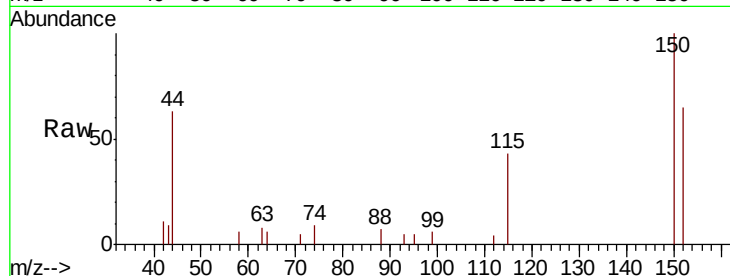


#1

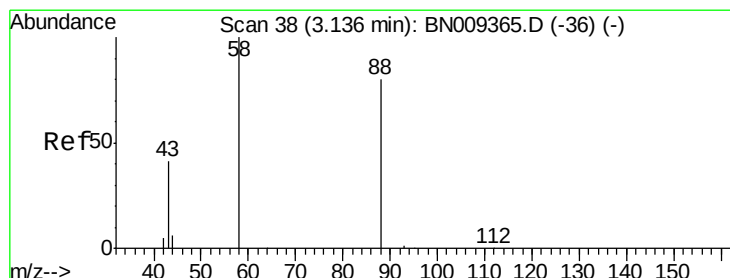
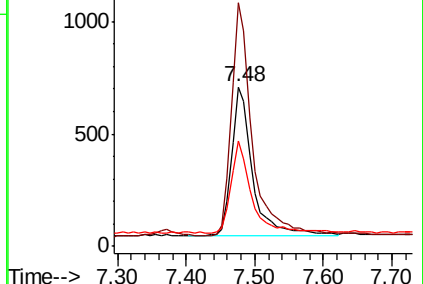
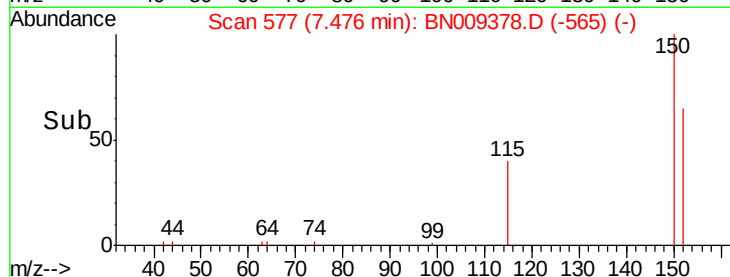
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1384
Ion Ratio Lower Upper
152 100
150 152.9 125.7 188.5
115 66.1 53.3 79.9



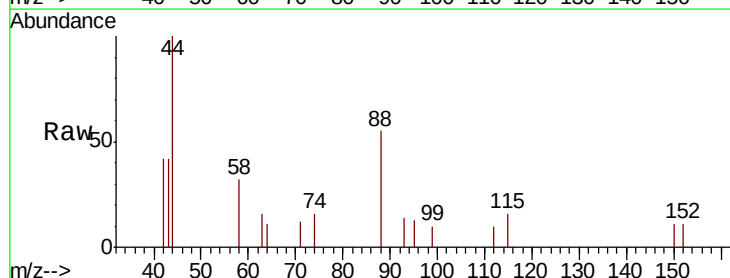
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



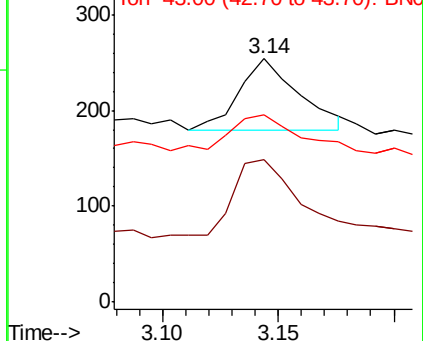
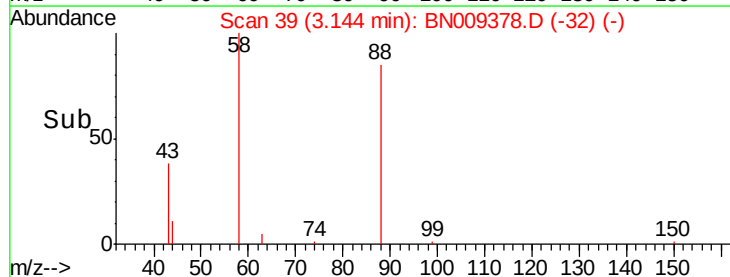
#2

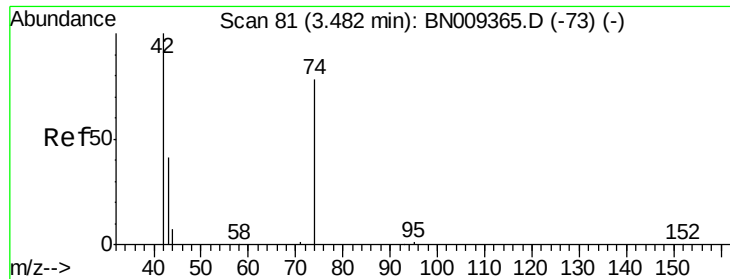
1,4-Dioxane
Concen: 0.091 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
58 112.9 100.2 150.2
43 56.1 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: 0.035 ng

RT: 3.51 min Scan# 84

Delta R.T. 0.02 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampleId :

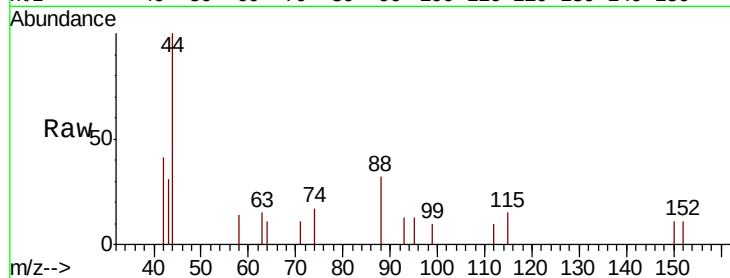
Tot Ion: 42 Resp: 77

Ion Ratio Lower Upper

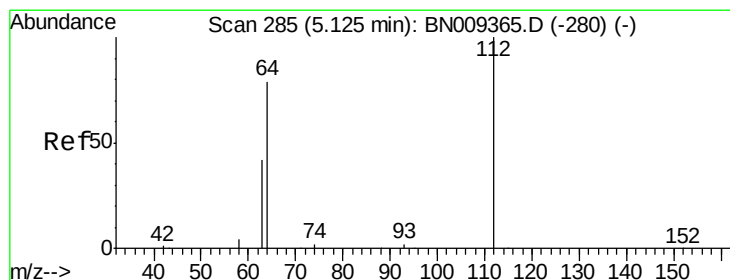
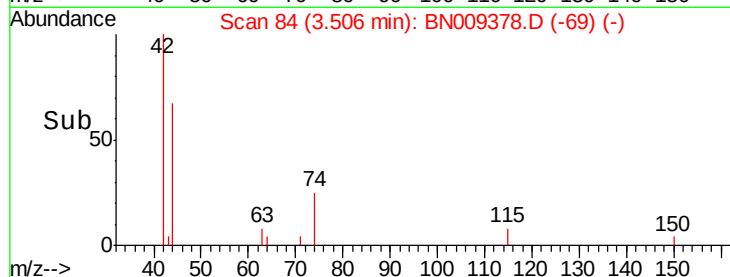
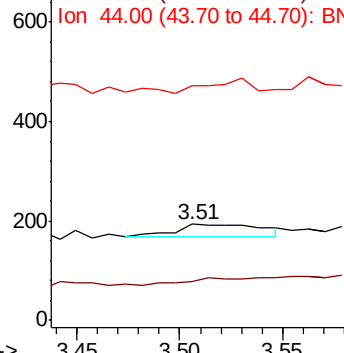
42 100

74 0.0 55.8 83.8#

44 0.0 11.1 16.7#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.378 ng

RT: 5.12 min Scan# 285

Delta R.T. -0.00 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

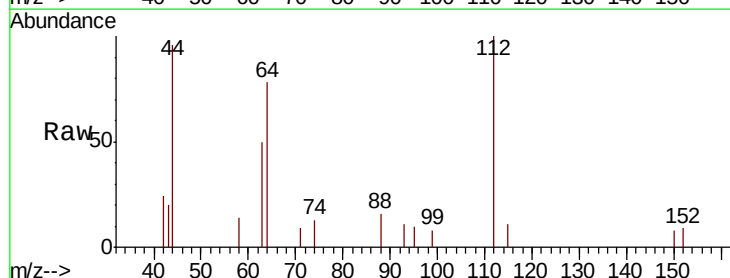
Tgt Ion: 112 Resp: 1205

Ion Ratio Lower Upper

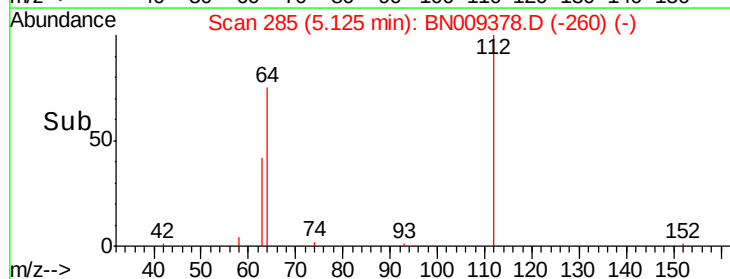
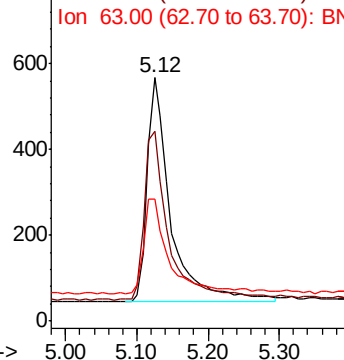
112 100

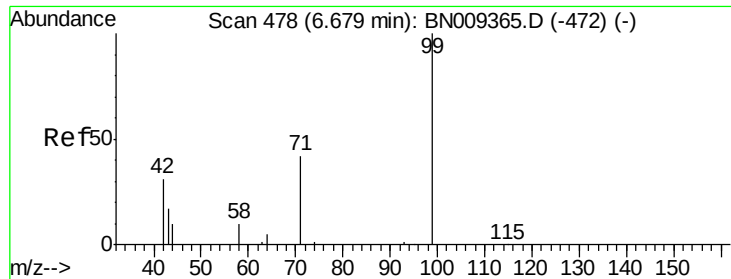
64 78.1 61.5 92.3

63 44.9 35.0 52.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.354 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampled :

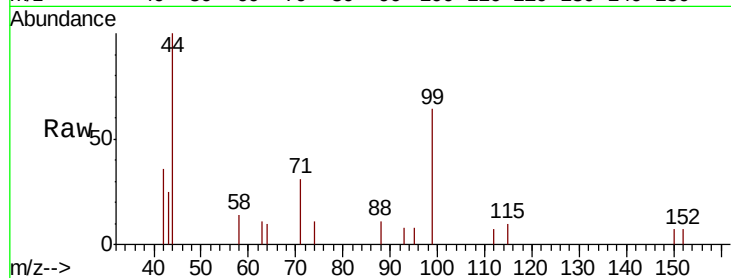
Tot Ion: 99 Resp: 1304

Ion Ratio Lower Upper

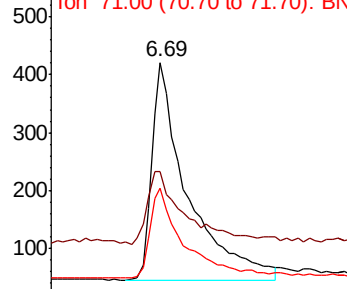
99 100

42 36.5 27.6 41.4

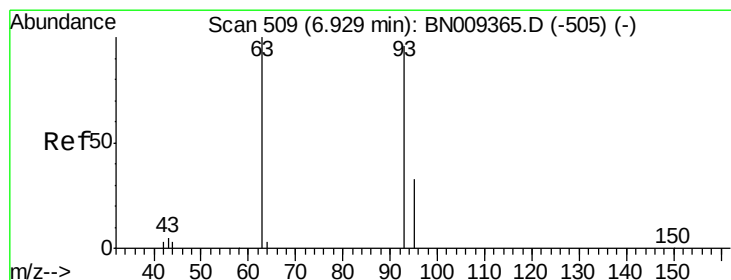
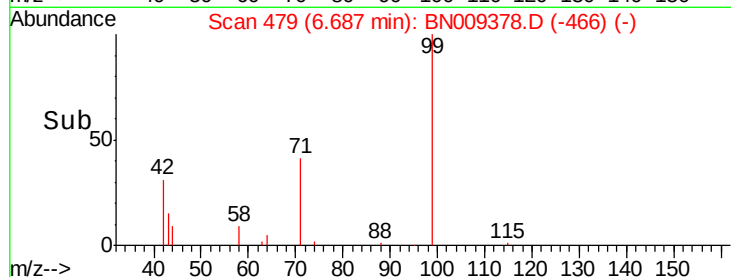
71 39.2 33.0 49.6



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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.085 ng

RT: 6.94 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

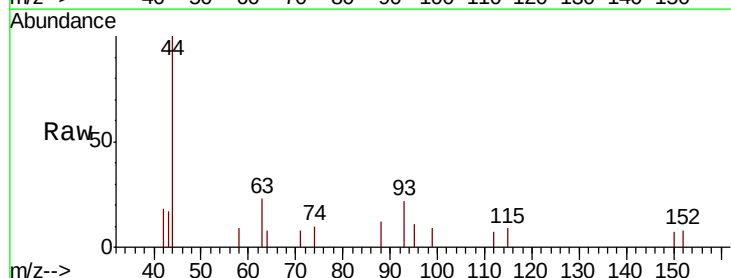
Tgt Ion: 93 Resp: 324

Ion Ratio Lower Upper

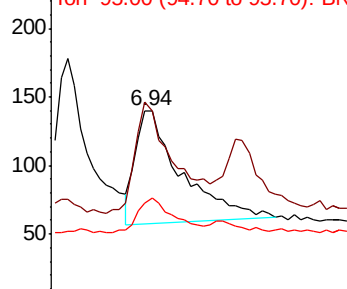
93 100

63 84.3 85.1 127.7#

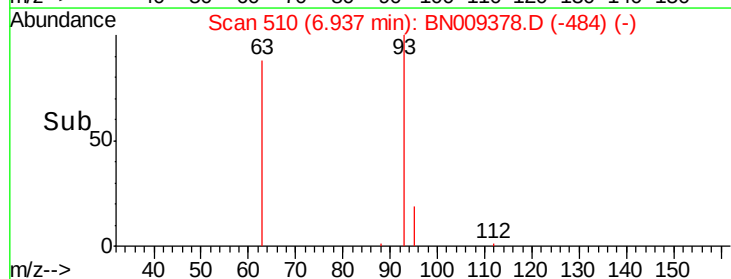
95 23.8 30.2 45.4#

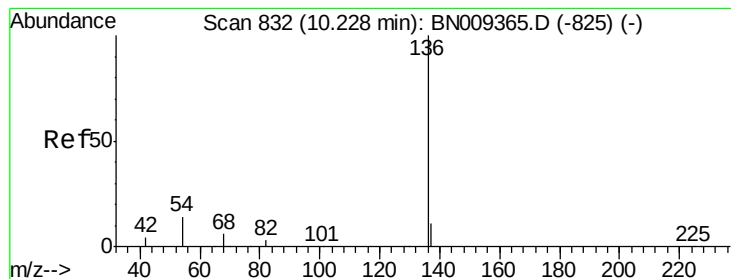


Abundance Ion 93.00 (92.70 to 93.70): BN009365.D (-505) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 4681

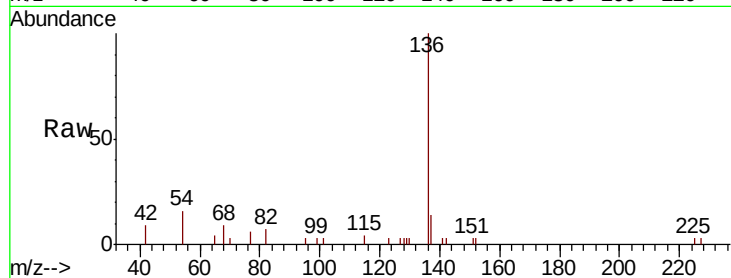
Ion Ratio Lower Upper

136 100

137 13.7 10.3 15.5

54 16.1 12.6 19.0

68 8.9 6.5 9.7

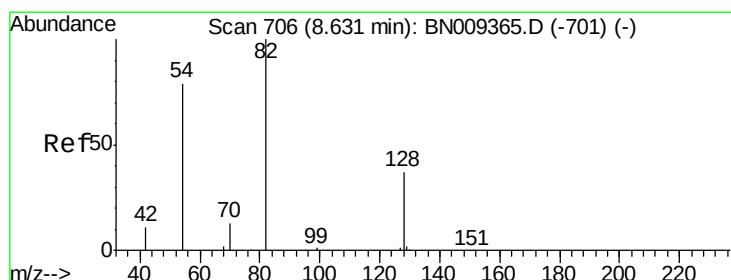
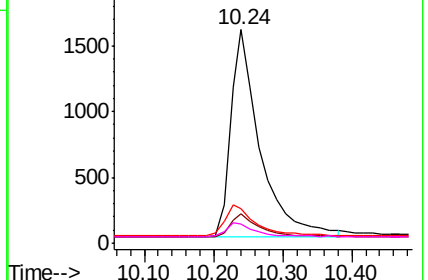
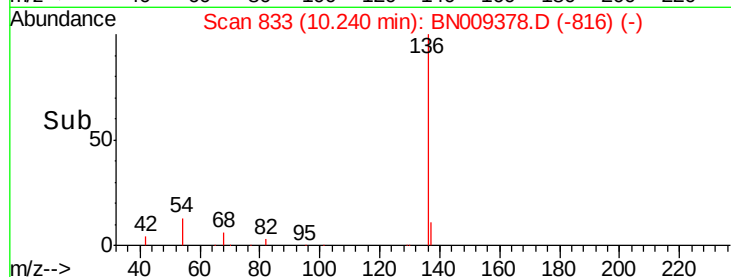


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.324 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

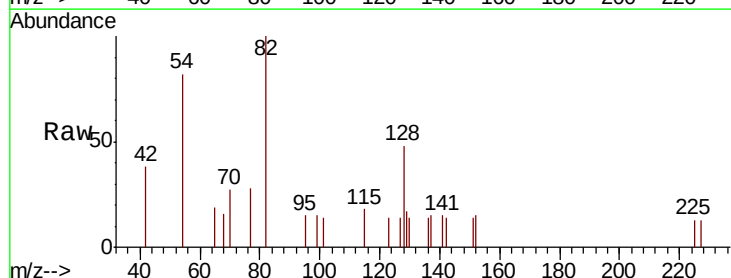
Tgt Ion: 82 Resp: 1208

Ion Ratio Lower Upper

82 100

128 48.1 34.8 52.2

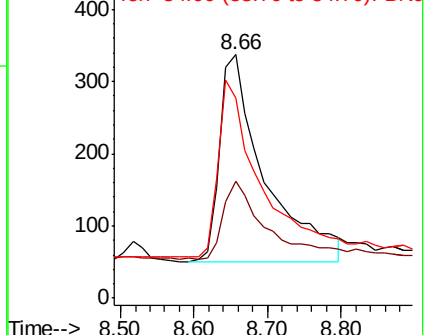
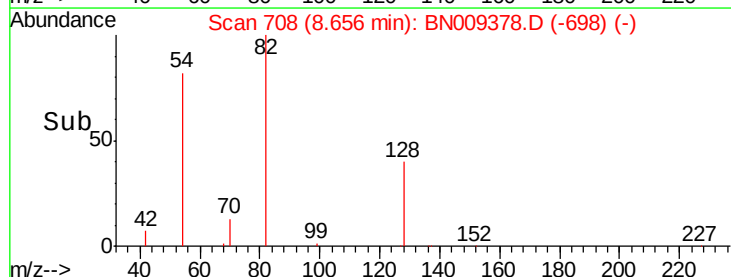
54 82.2 65.8 98.6

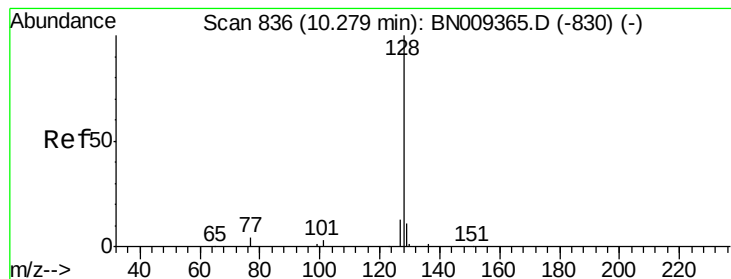


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.087 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampled :

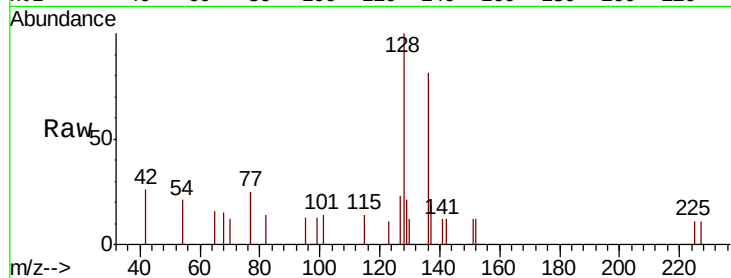
Tot Ion:128 Resp: 1100

Ion Ratio Lower Upper

128 100

129 21.3 10.4 15.6#

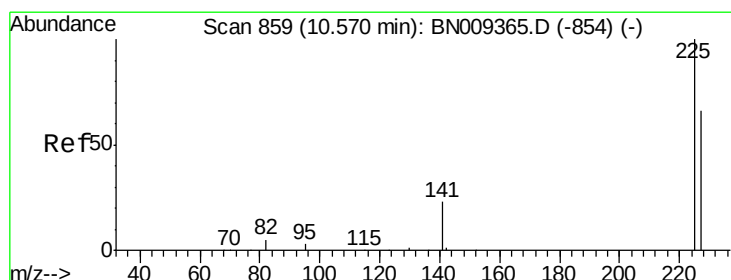
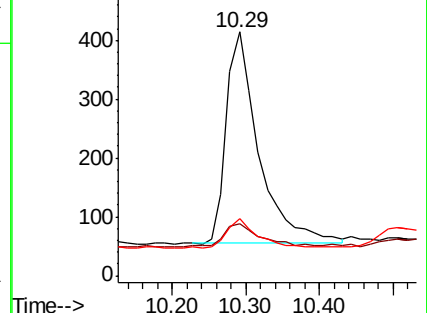
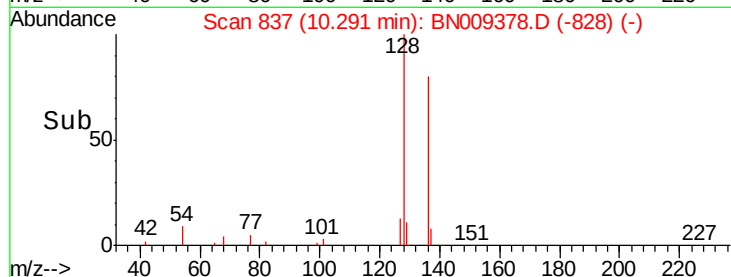
127 23.2 11.4 17.2#



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: BN009378.D

Acq: 15 Jan 2020 14:24

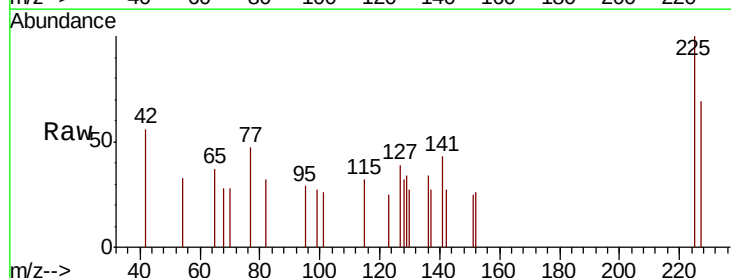
Tgt Ion:225 Resp: 242

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

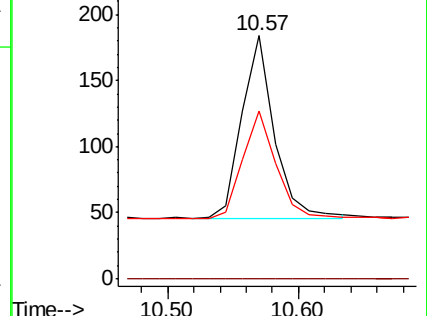
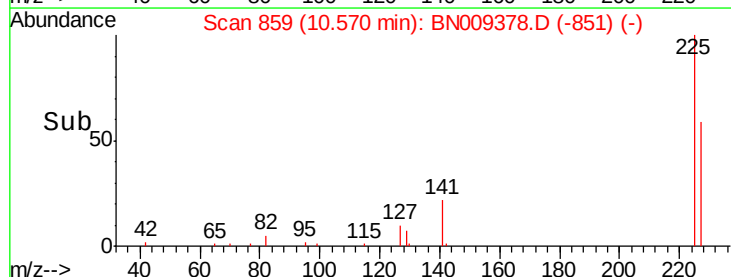
227 59.9 52.6 78.8

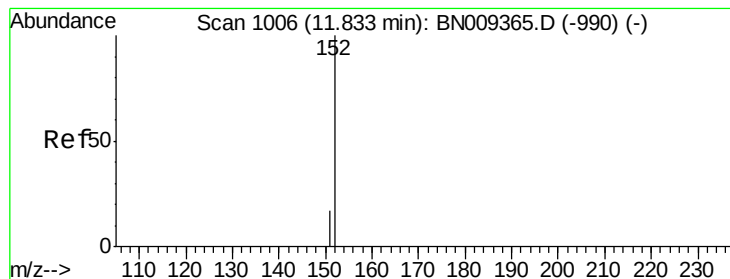


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 11.85 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

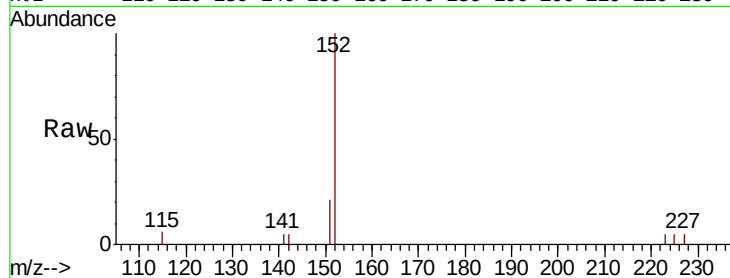
ClientSampleId :

Tot Ion:152 Resp: 2794

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

11.85

1000

800

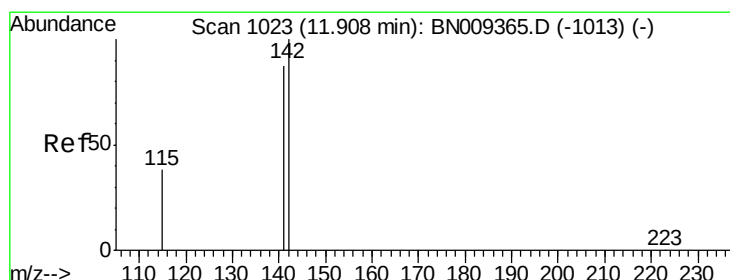
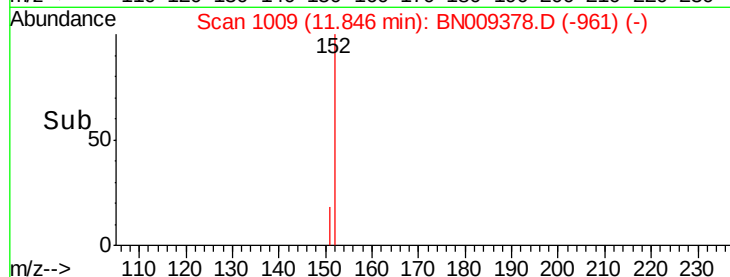
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.087 ng

RT: 11.93 min Scan# 1027

Delta R.T. 0.02 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

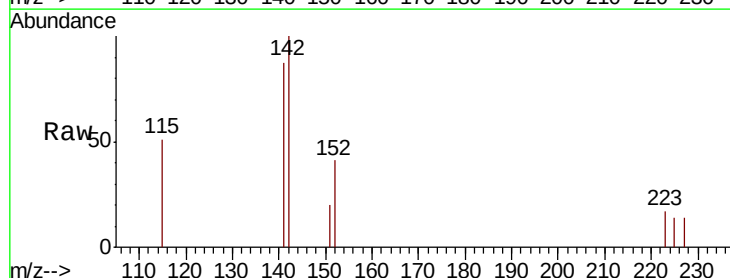
Tgt Ion:142 Resp: 767

Ion Ratio Lower Upper

142 100

141 86.9 69.8 104.6

115 51.3 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

500

400

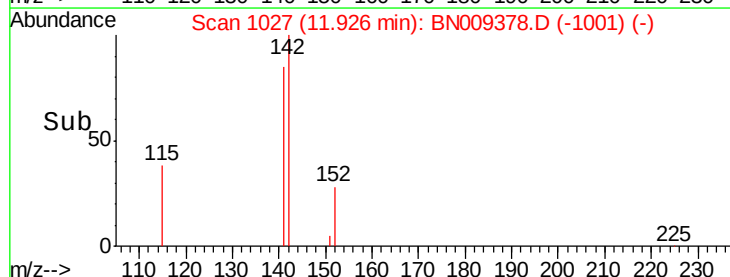
300

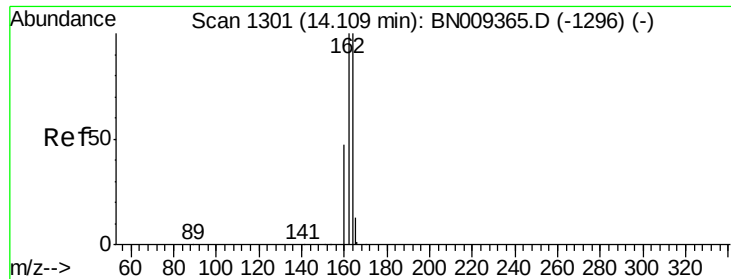
200

100

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampleId :

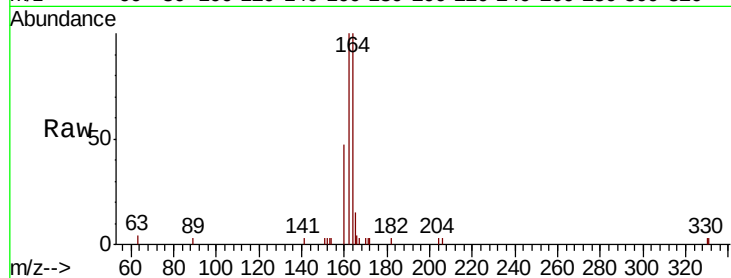
Tot Ion:164 Resp: 3122

Ion Ratio Lower Upper

164 100

162 100.2 79.8 119.6

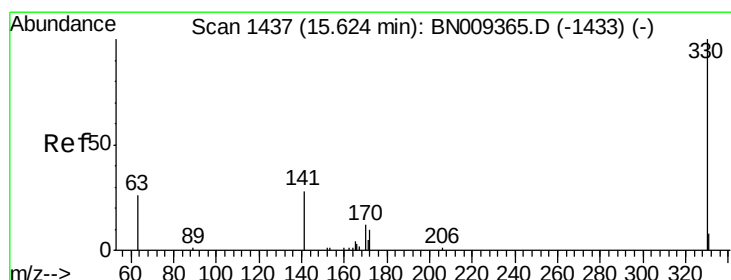
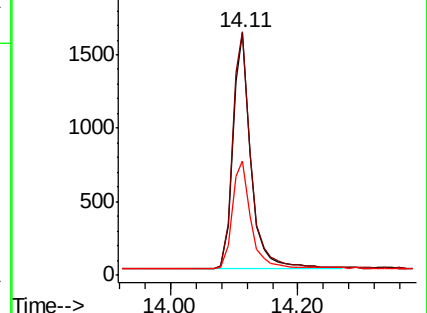
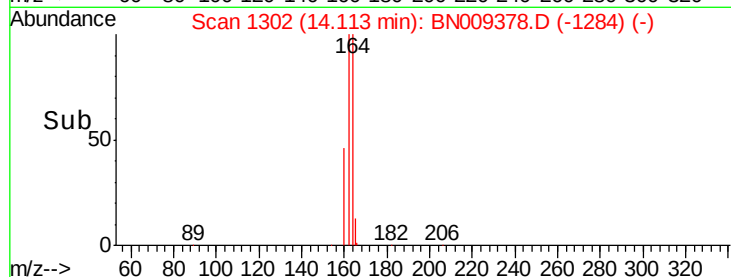
160 47.1 38.4 57.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.314 ng

RT: 15.63 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

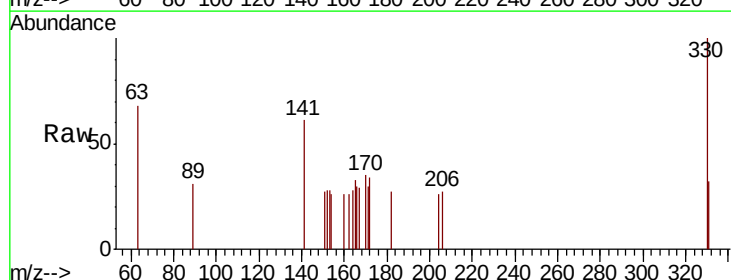
Tgt Ion:330 Resp: 371

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

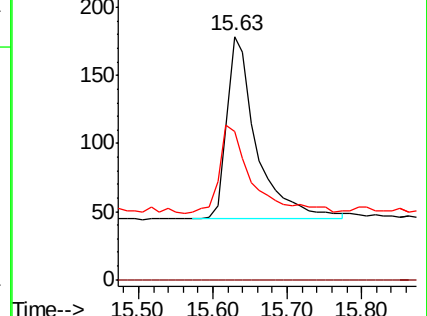
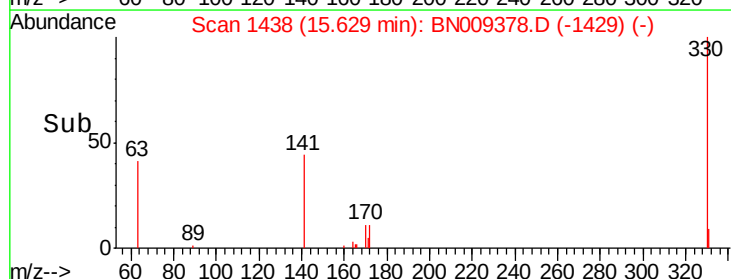
141 51.8 33.1 49.7#

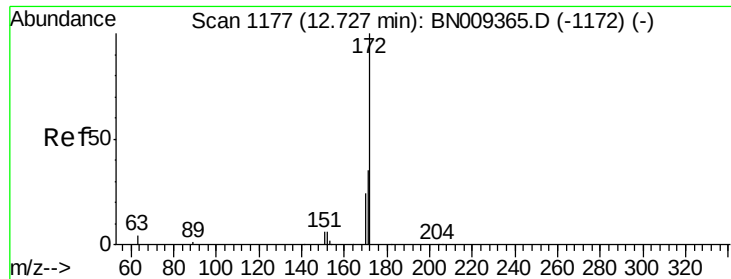


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

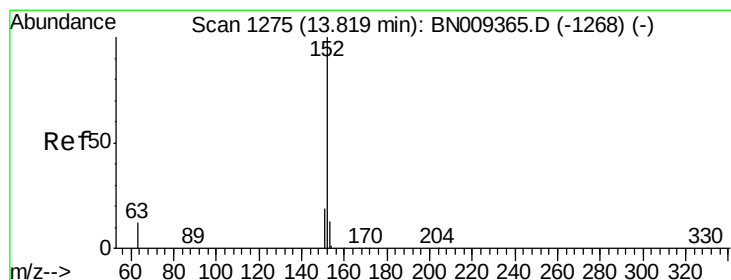
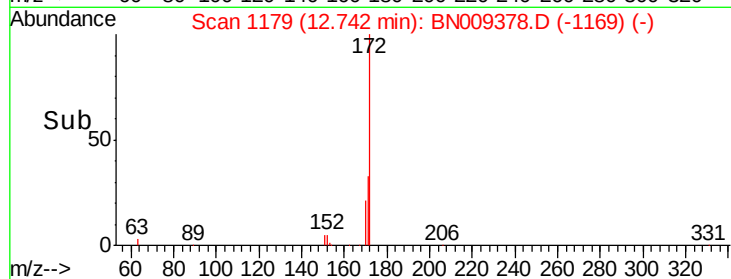
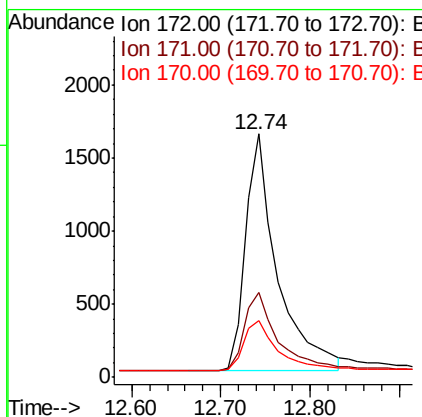
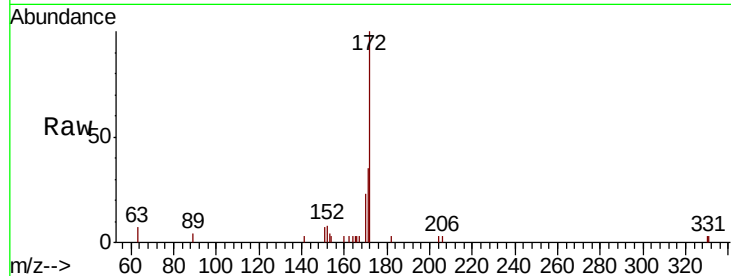




#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.74 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

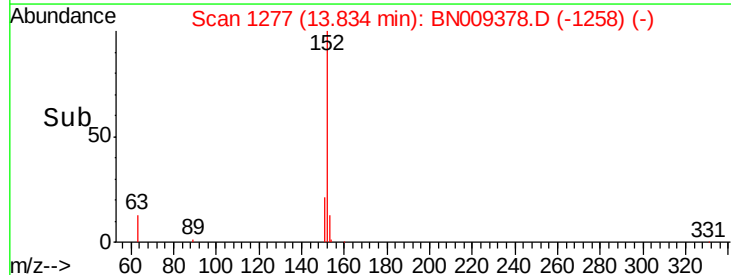
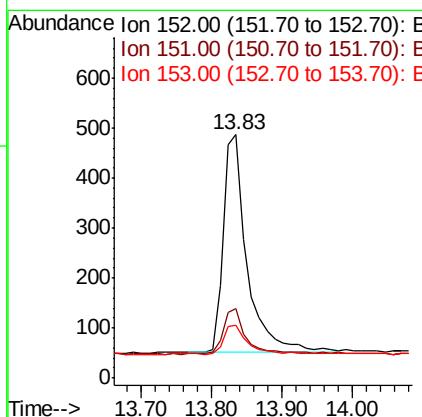
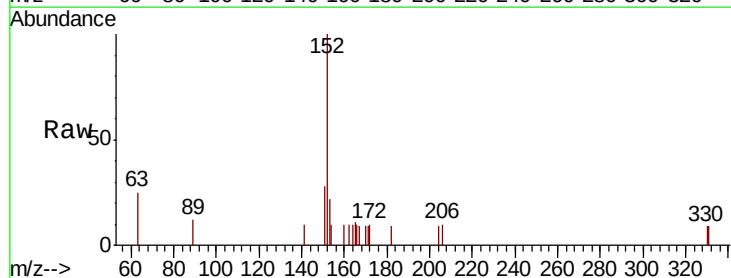
Instrument :
BNA_N
ClientSampleId :

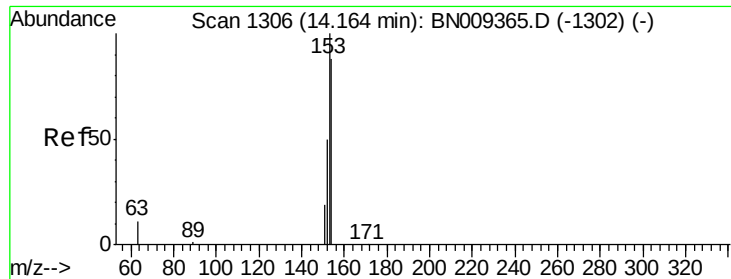
Tot Ion:172 Resp: 4028
Ion Ratio Lower Upper
172 100
171 34.9 29.5 44.3
170 23.4 20.7 31.1



#16
Acenaphthylene
Concen: 0.077 ng
RT: 13.83 min Scan# 1277
Delta R.T. 0.02 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:152 Resp: 1036
Ion Ratio Lower Upper
152 100
151 21.1 15.4 23.2
153 14.1 10.4 15.6





#17

Acenaphthene

Concen: 0.084 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampleId :

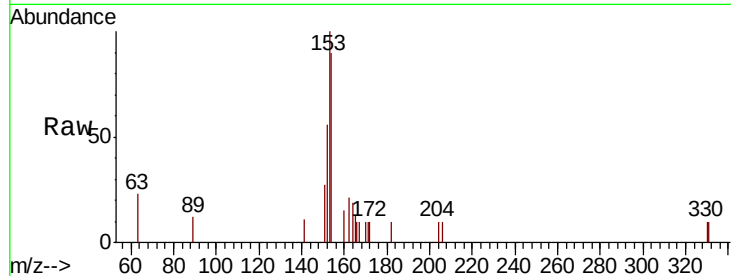
Tot Ion:154 Resp: 797

Ion Ratio Lower Upper

154 100

153 110.4 90.5 135.7

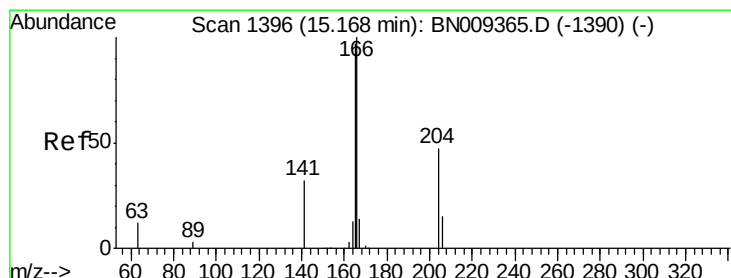
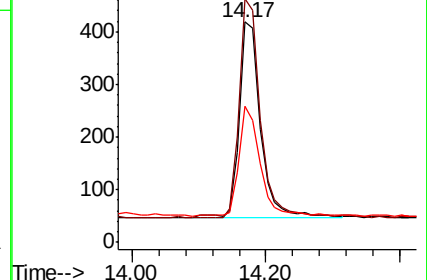
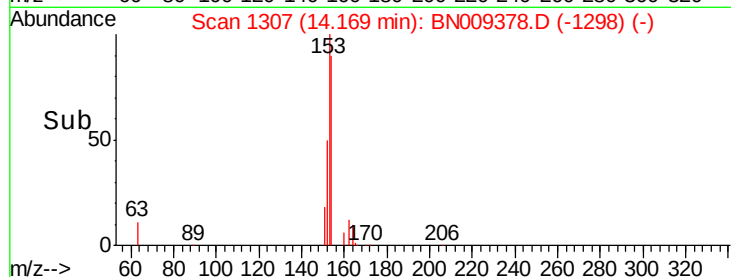
152 54.3 45.3 67.9



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: 0.081 ng

RT: 15.18 min Scan# 1398

Delta R.T. 0.02 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

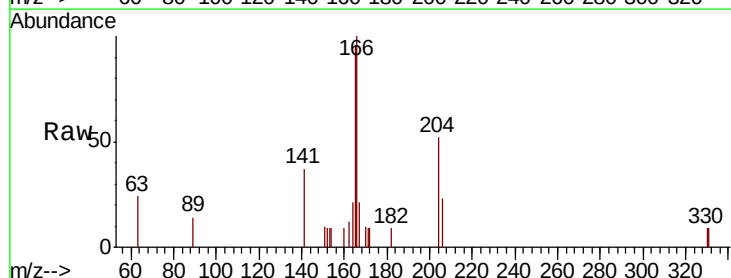
Tgt Ion:166 Resp: 1000

Ion Ratio Lower Upper

166 100

165 97.2 78.2 117.2

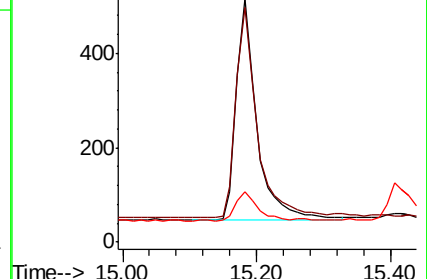
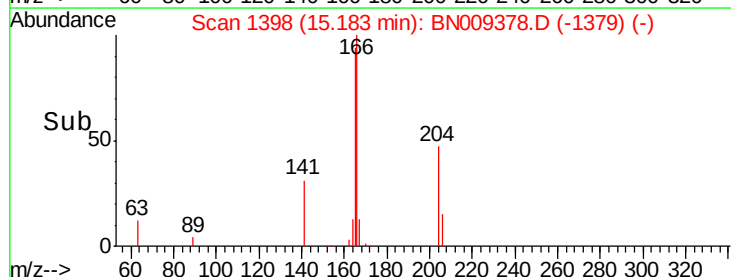
167 14.4 11.0 16.6

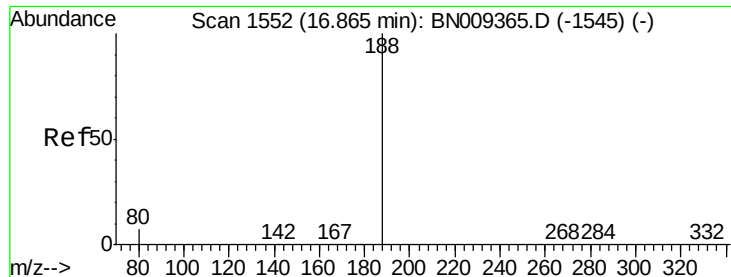


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.87 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampleId :

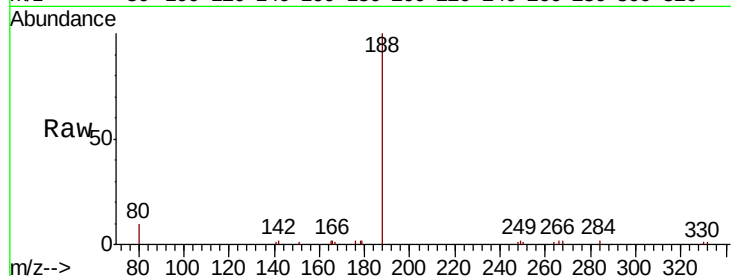
Tot Ion:188 Resp: 6938

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

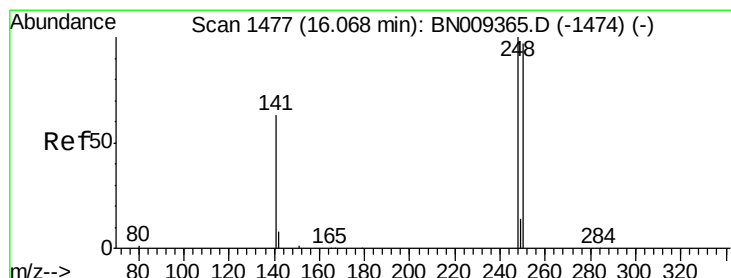
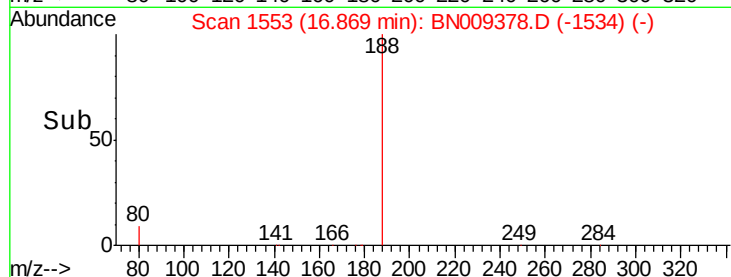
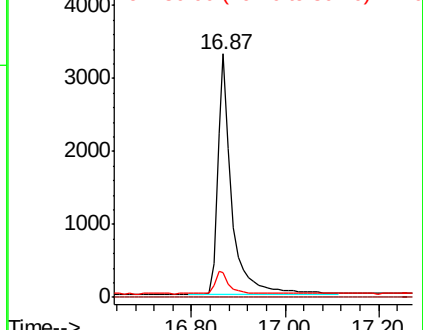
80 10.2 6.6 10.0#



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: 0.074 ng

RT: 16.08 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

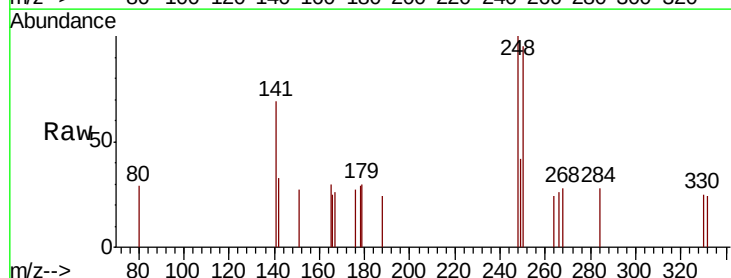
Tgt Ion:248 Resp: 309

Ion Ratio Lower Upper

248 100

250 94.6 77.8 116.8

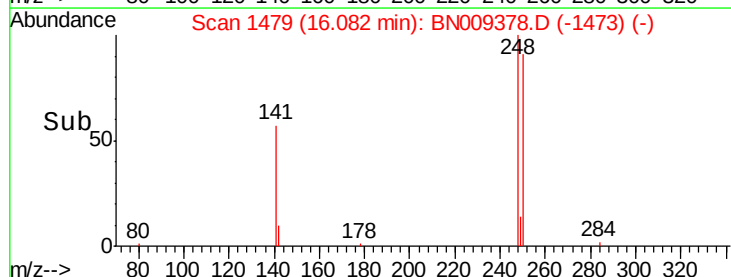
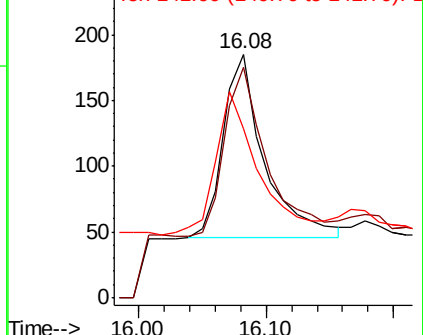
141 69.2 53.4 80.0

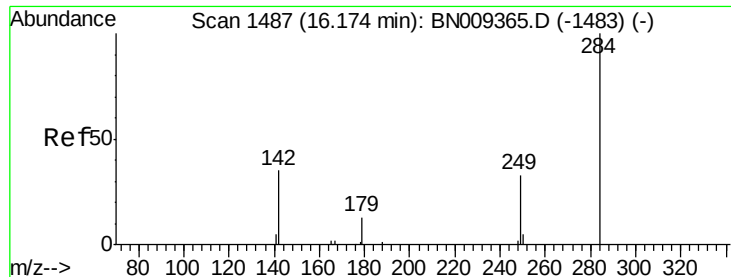


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.080 ng

RT: 16.18 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampleId :

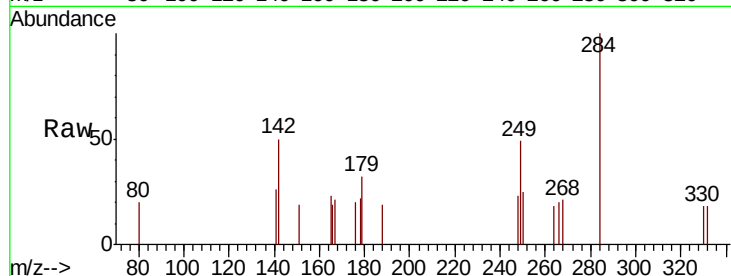
Tot Ion:284 Resp: 356

Ion Ratio Lower Upper

284 100

142 42.7 33.8 50.8

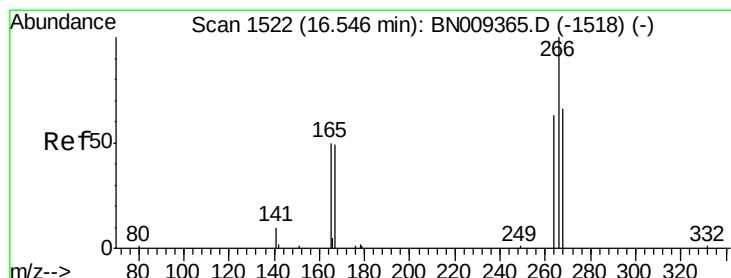
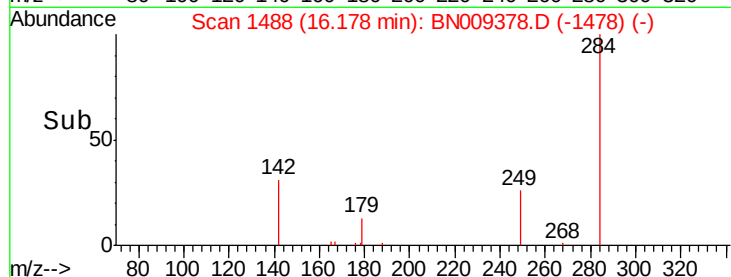
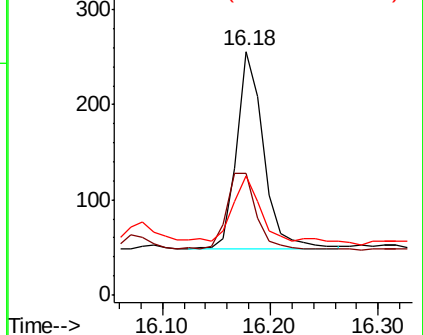
249 41.9 27.0 40.4#



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: 0.183 ng

RT: 16.56 min Scan# 1524

Delta R.T. 0.02 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

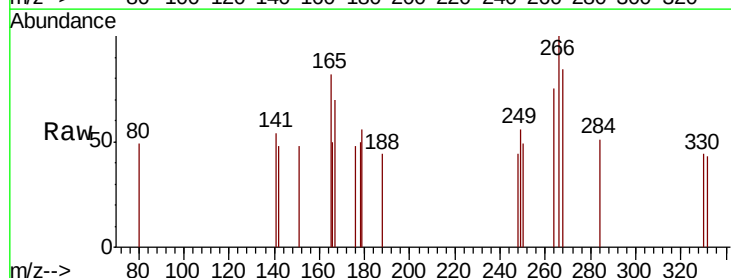
Tgt Ion:266 Resp: 229

Ion Ratio Lower Upper

266 100

264 74.5 57.8 86.6

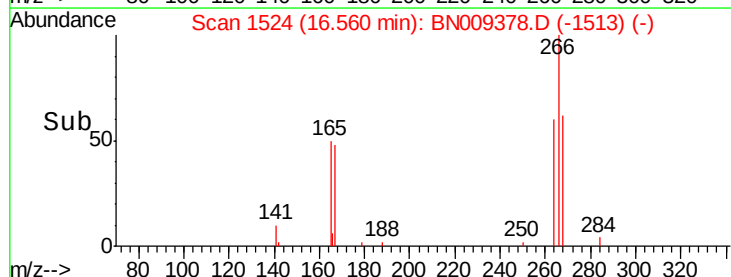
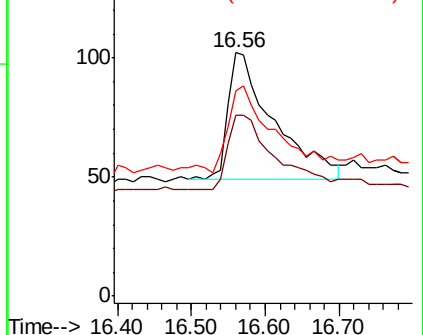
268 84.3 63.8 95.6

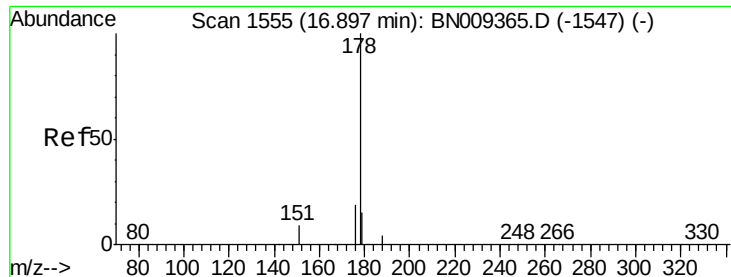


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.079 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

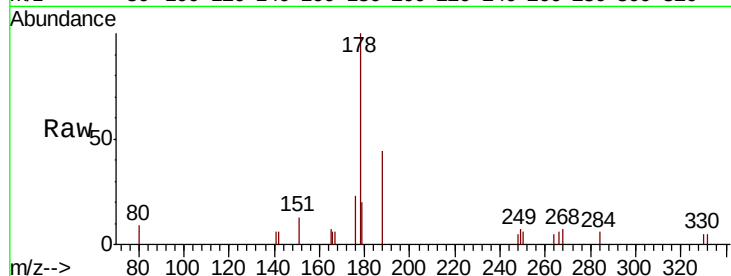
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 1653

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.8	12.3	18.5

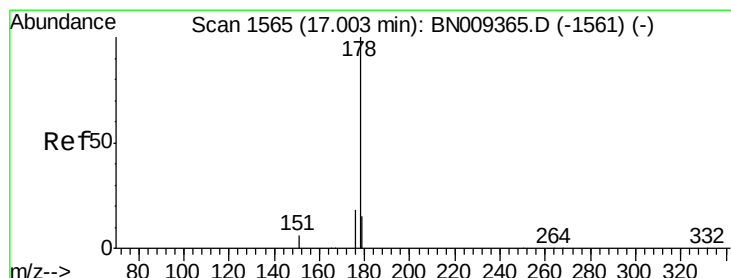
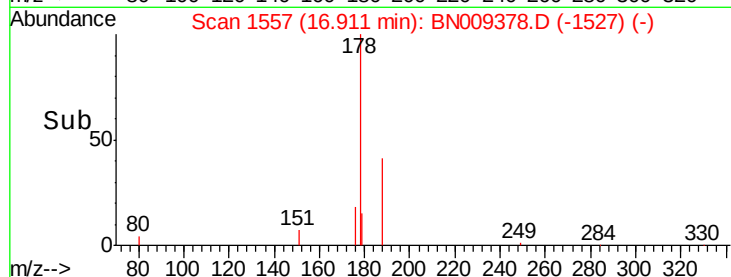
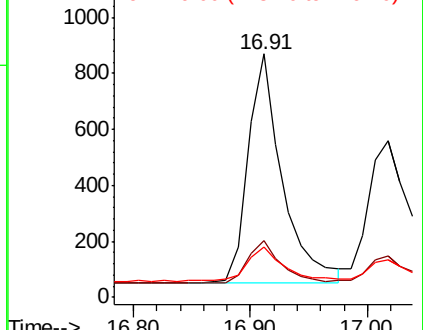


Abundance

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: 0.075 ng

RT: 17.02 min Scan# 1567

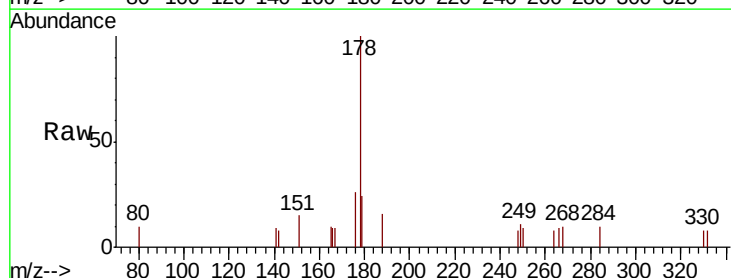
Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Tgt Ion:178 Resp: 1310

Ion	Ratio	Lower	Upper
178	100		
176	16.5	14.6	21.8
179	13.1	12.5	18.7

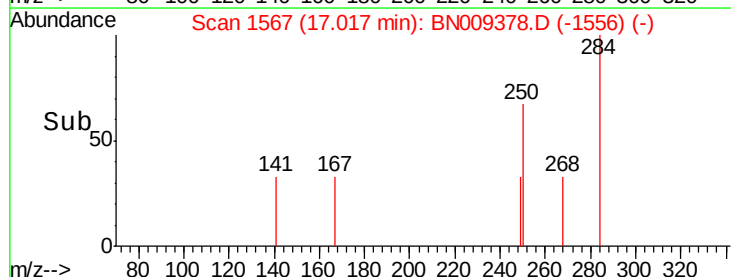
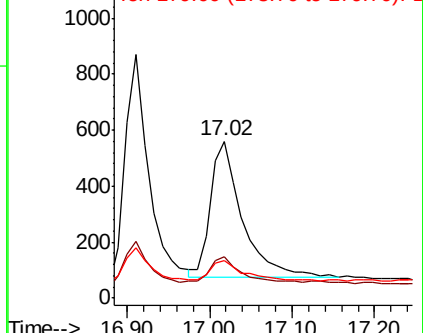


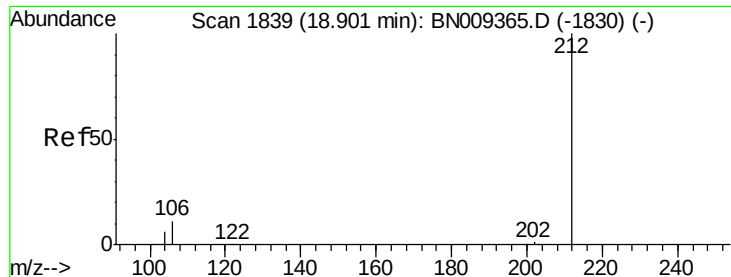
Abundance

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





#25

Fluoranthene-d10

Concen: 0.303 ng

RT: 18.90 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampleId :

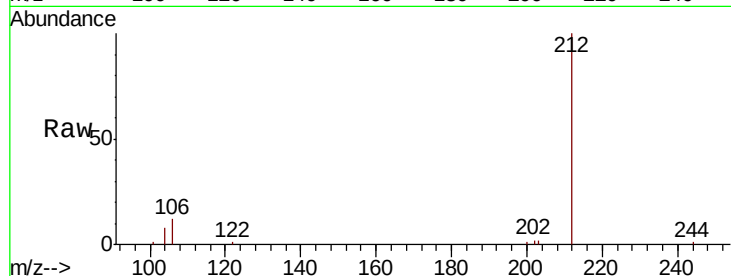
Tot Ion:212 Resp: 7215

Ion Ratio Lower Upper

212 100

106 11.6 9.2 13.8

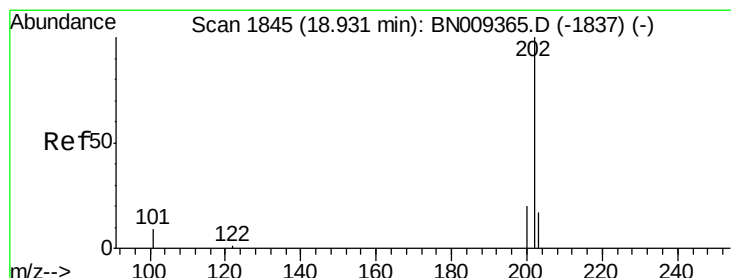
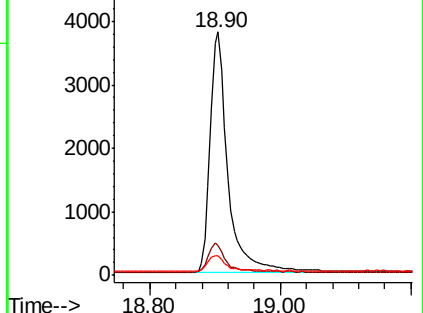
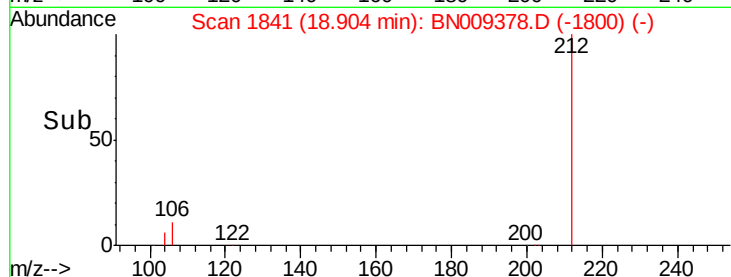
104 6.4 5.4 8.0



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: 0.082 ng

RT: 18.93 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

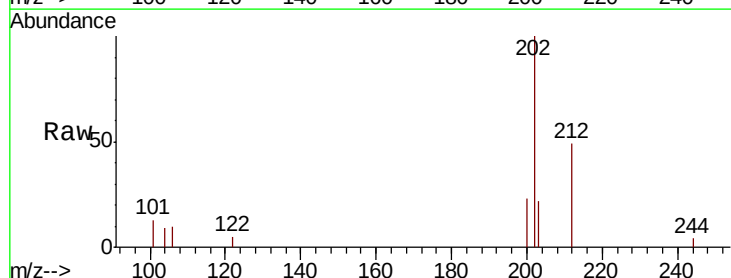
Tgt Ion:202 Resp: 2011

Ion Ratio Lower Upper

202 100

101 10.5 8.0 12.0

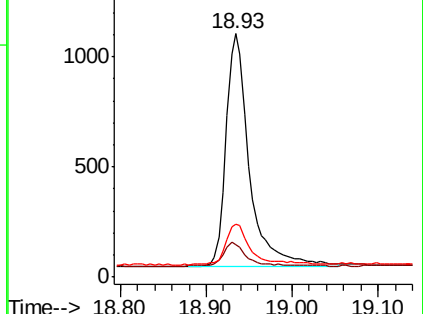
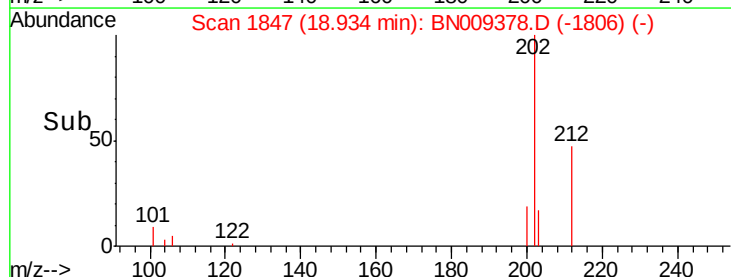
203 17.1 13.5 20.3

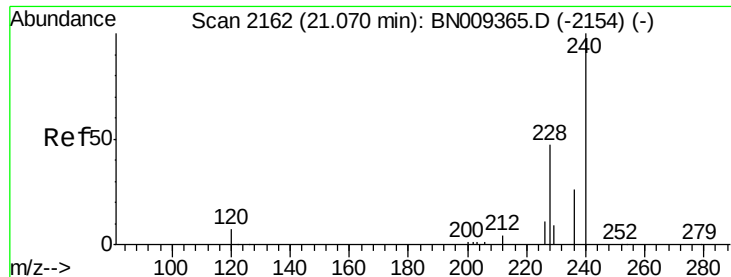


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2163

Delta R.T. -0.00 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampleId :

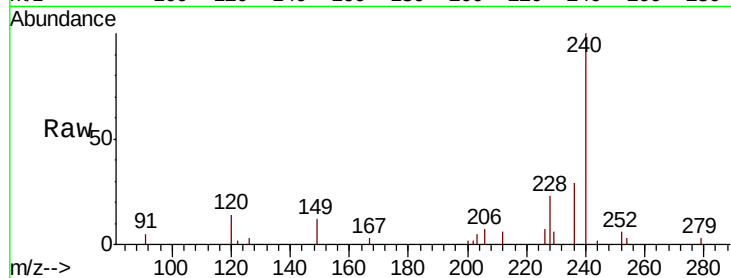
Tot Ion:240 Resp: 5975

Ion Ratio Lower Upper

240 100

120 14.4 8.1 12.1#

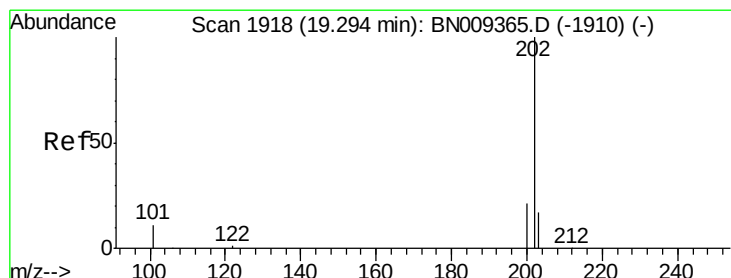
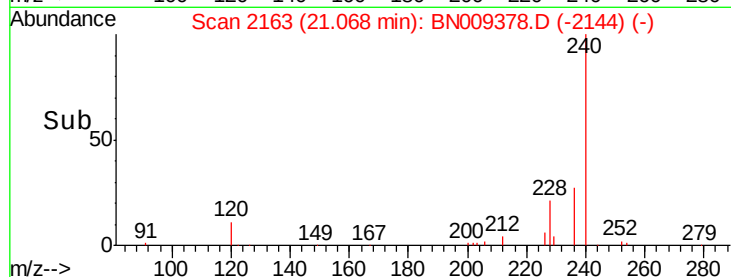
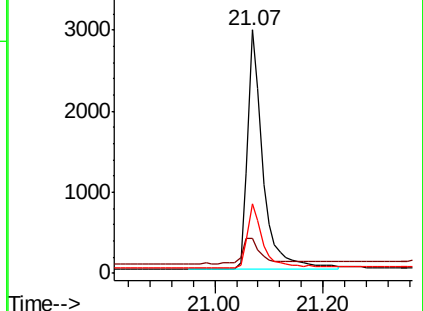
236 28.7 22.2 33.4



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# 1921

Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

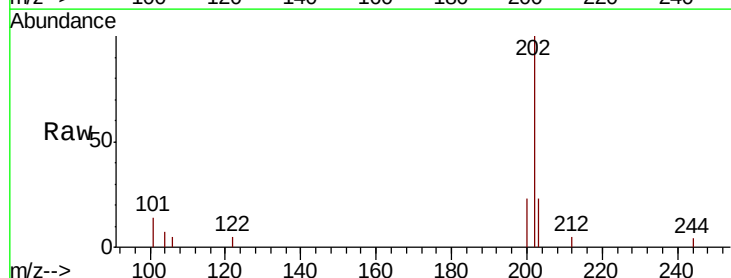
Tgt Ion:202 Resp: 2012

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

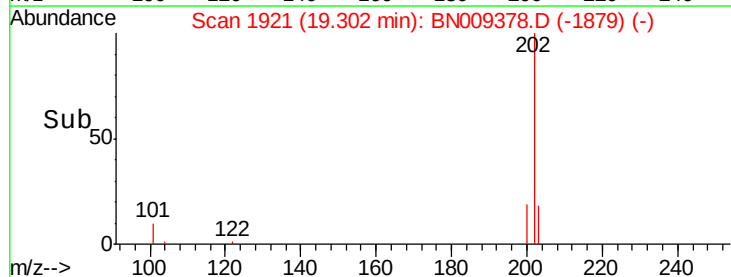
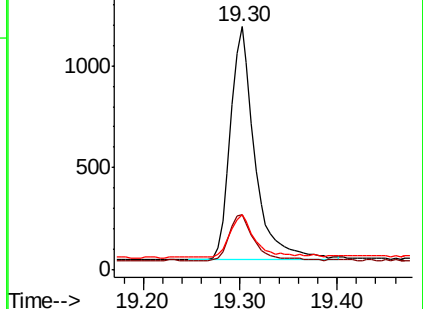
203 18.3 14.1 21.1

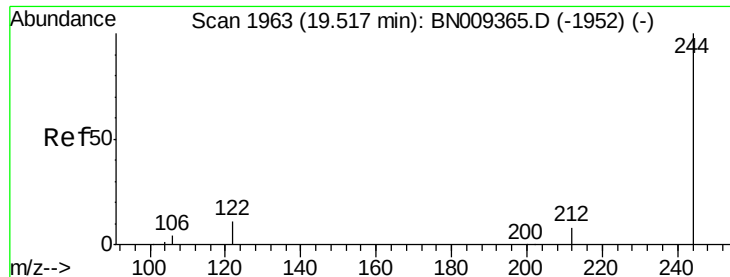


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.51 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampleId :

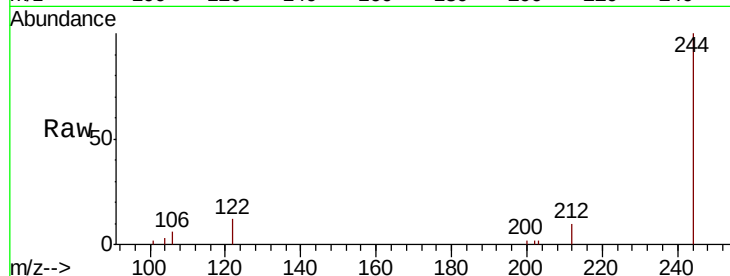
Tot Ion:244 Resp: 5699

Ion Ratio Lower Upper

244 100

212 9.9 7.5 11.3

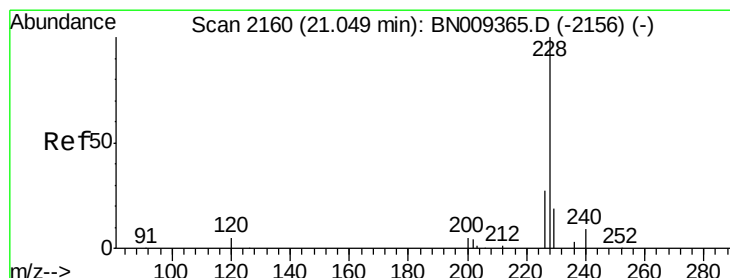
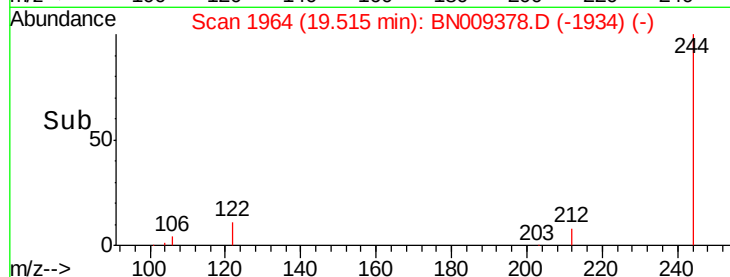
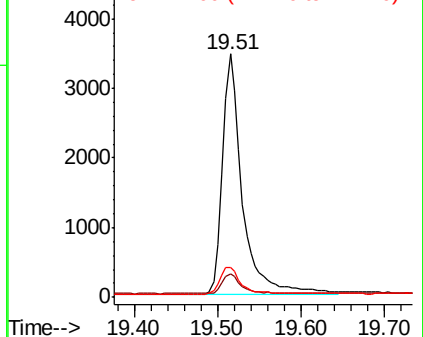
122 12.4 9.8 14.6



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: 0.083 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

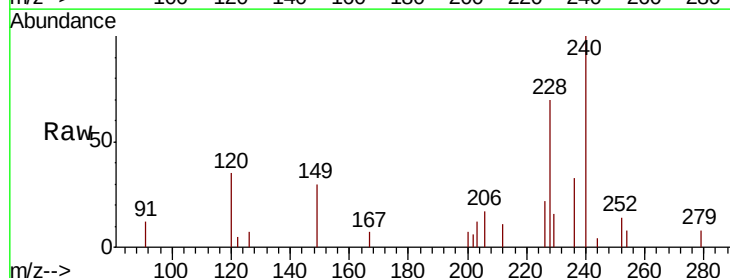
Tgt Ion:228 Resp: 1638

Ion Ratio Lower Upper

228 100

226 30.8 22.5 33.7

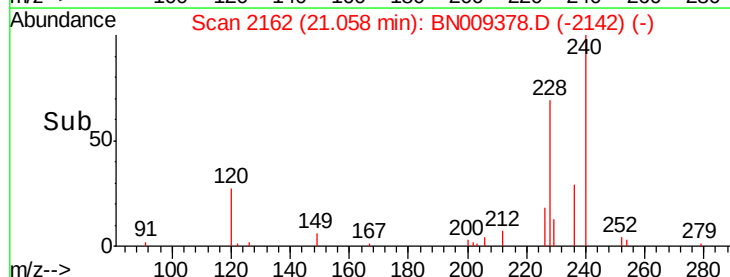
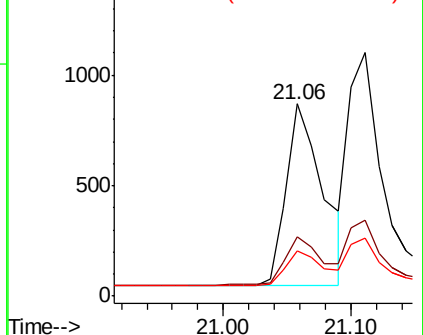
229 23.5 16.1 24.1

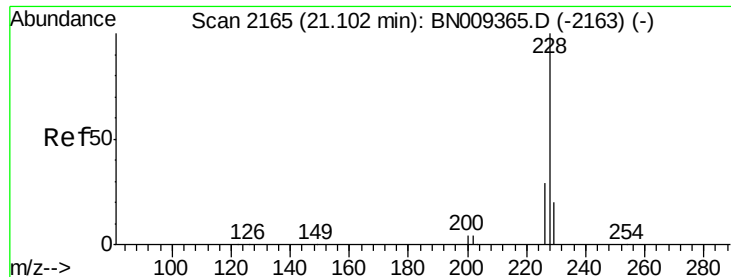


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.084 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampled :

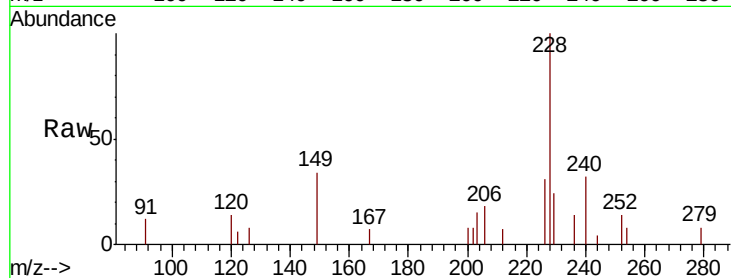
Tot Ion:228 Resp: 1894

Ion Ratio Lower Upper

228 100

226 31.4 23.8 35.8

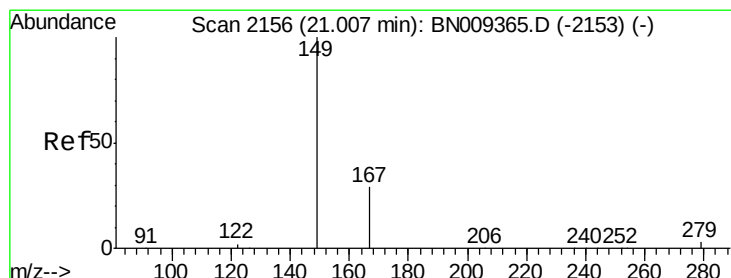
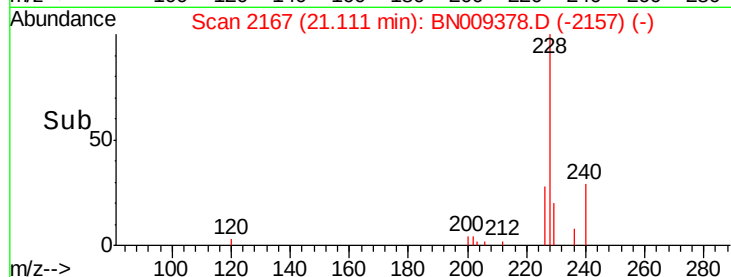
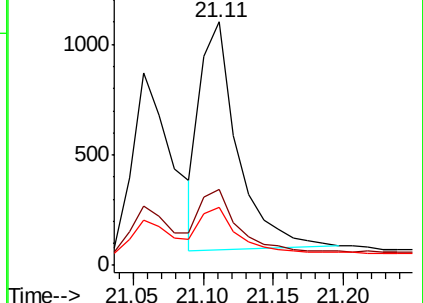
229 23.8 16.6 24.8



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: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

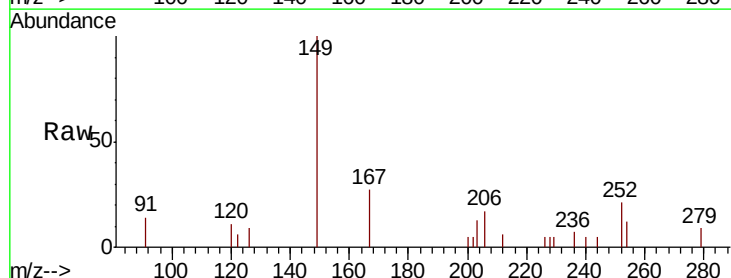
Tgt Ion:149 Resp: 790

Ion Ratio Lower Upper

149 100

167 28.0 22.9 34.3

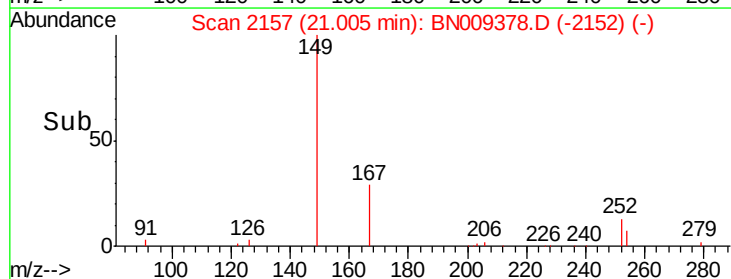
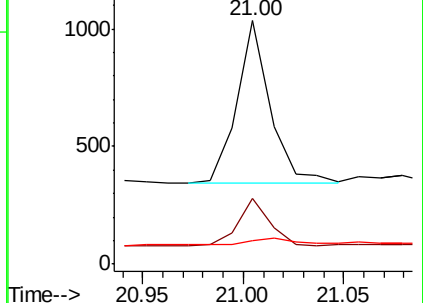
279 4.3 3.4 5.0

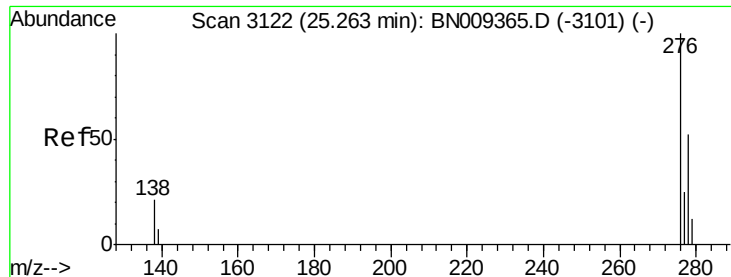


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

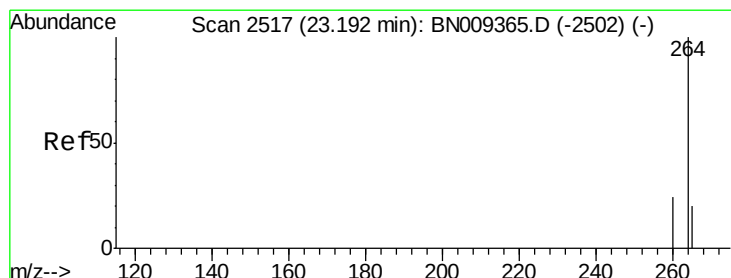
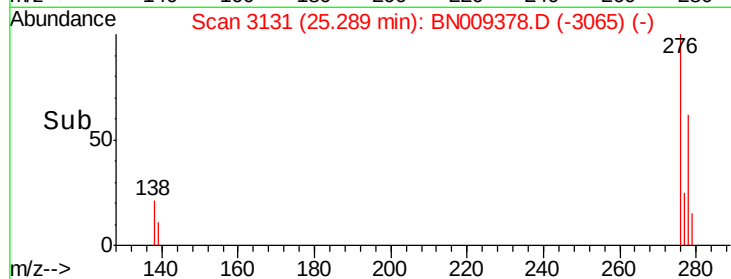
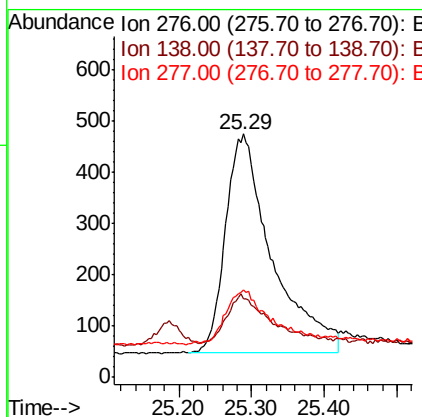
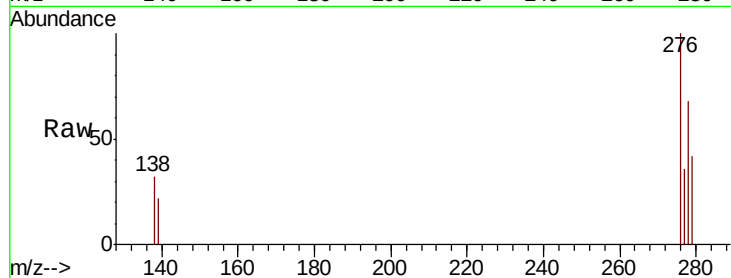




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng
RT: 25.29 min Scan# 3131
Delta R.T. 0.03 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

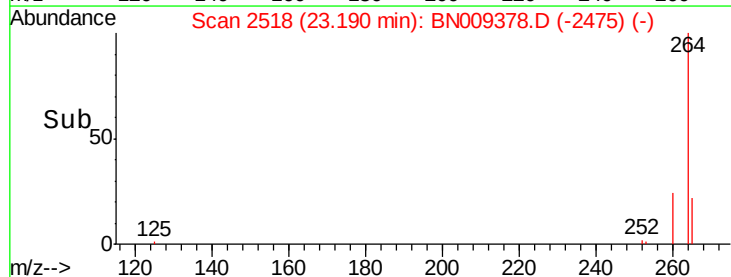
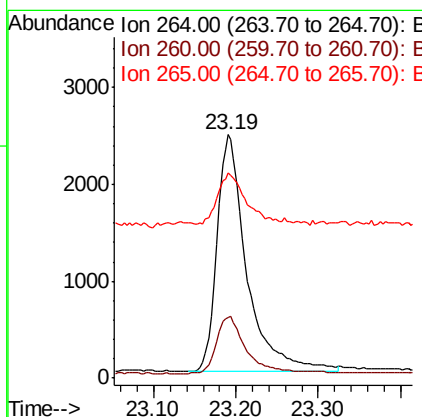
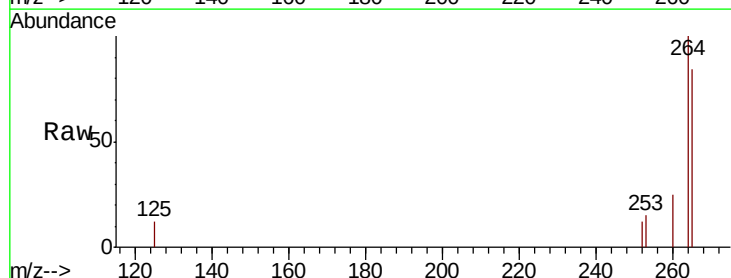
Instrument :
BNA_N
ClientSampleId :

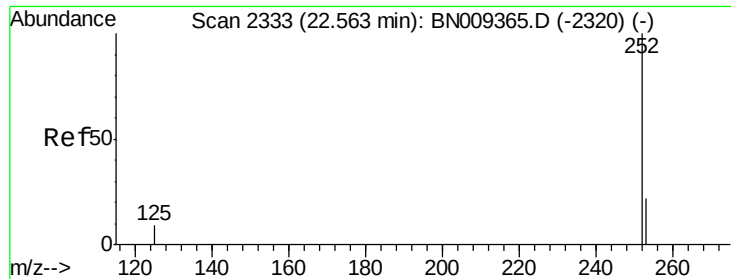
Tot Ion:276 Resp: 1900
Ion Ratio Lower Upper
276 100
138 21.0 15.9 23.9
277 22.2 19.8 29.6



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:264 Resp: 6145
Ion Ratio Lower Upper
264 100
260 25.0 20.1 30.1
265 84.1 68.2 102.4

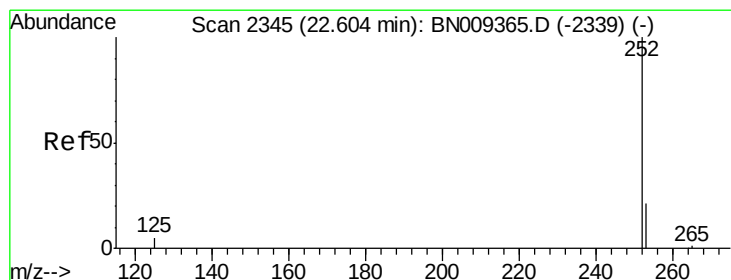
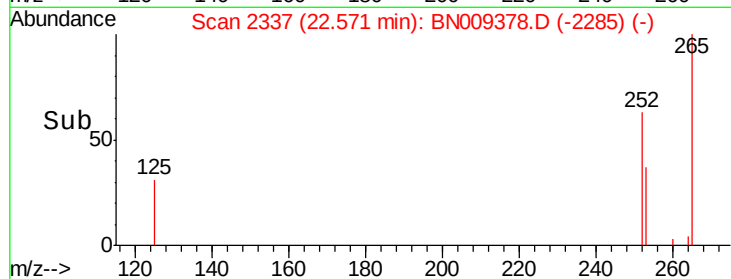
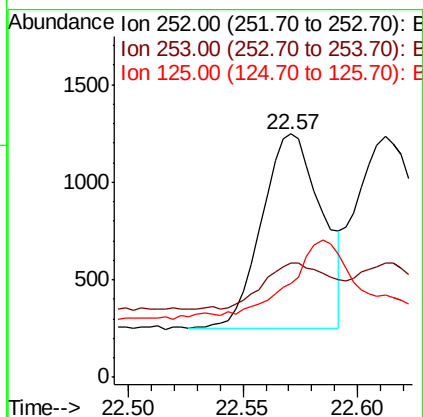
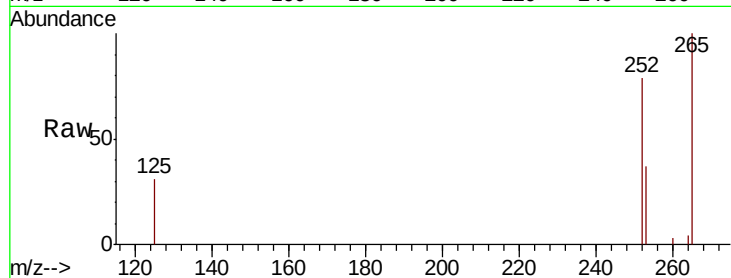




#35
Benzo(b)fluoranthene
Concen: 0.080 ng
RT: 22.57 min Scan# 2337
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

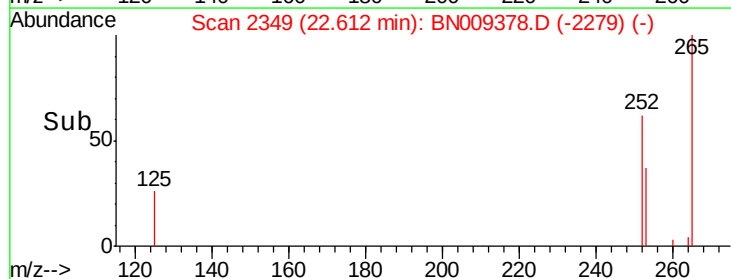
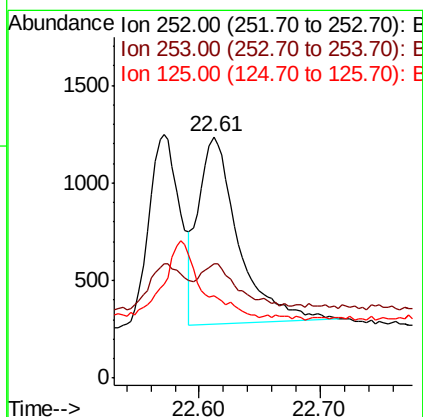
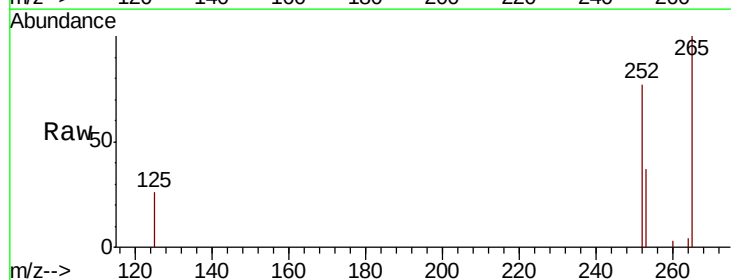
Instrument :
BNA_N
ClientSampleId :

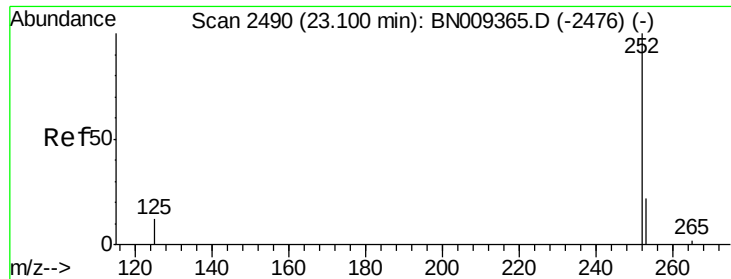
Tot Ion:252 Resp: 1818
Ion Ratio Lower Upper
252 100
253 47.0 22.4 33.6#
125 38.8 11.6 17.4#



#36
Benzo(k)fluoranthene
Concen: 0.088 ng
RT: 22.61 min Scan# 2349
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:252 Resp: 2204
Ion Ratio Lower Upper
252 100
253 47.3 21.9 32.9#
125 33.9 12.0 18.0#





#37

Benzo(a)pyrene

Concen: 0.086 ng

RT: 23.11 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampleId :

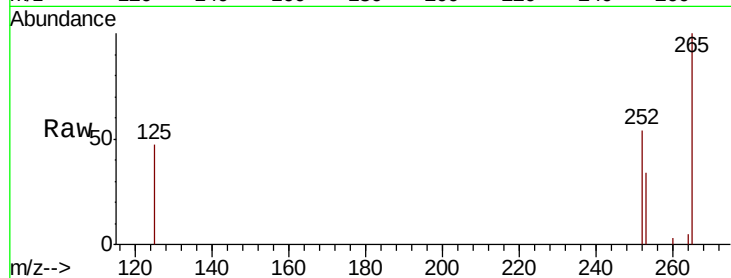
Tot Ion:252 Resp: 1715

Ion Ratio Lower Upper

252 100

253 63.0 25.4 38.0#

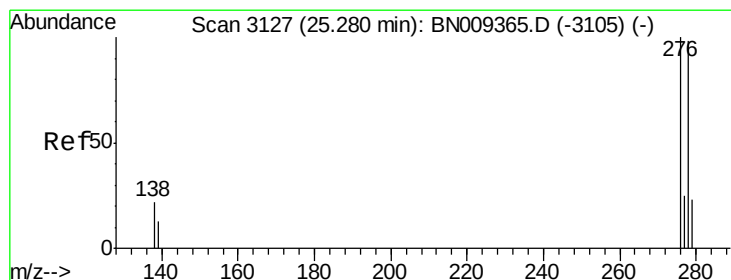
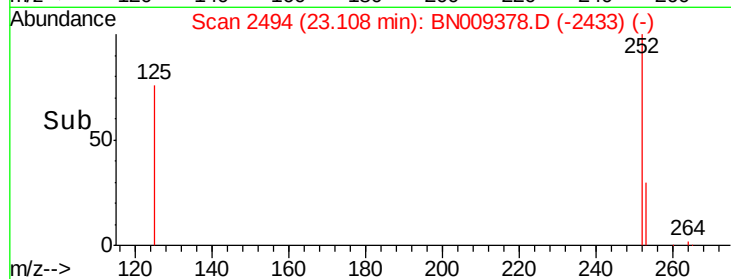
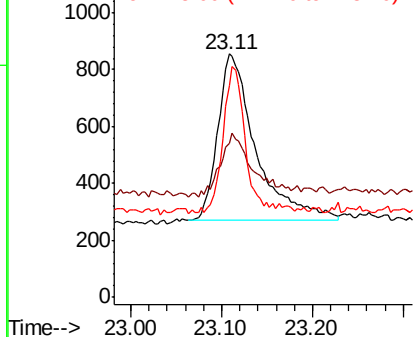
125 86.7 16.2 24.2#



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: 0.079 ng

RT: 25.30 min Scan# 3135

Delta R.T. 0.02 min

Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

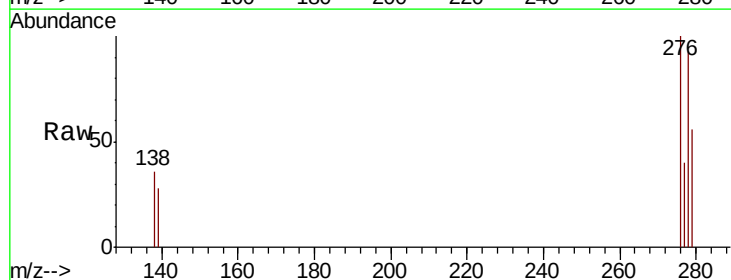
Tgt Ion:278 Resp: 1581

Ion Ratio Lower Upper

278 100

139 29.5 14.5 21.7#

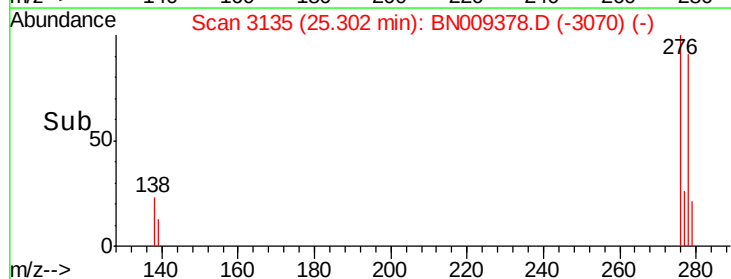
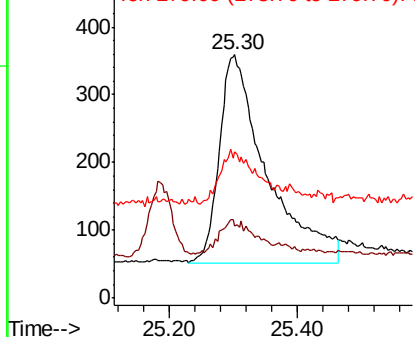
279 59.9 24.2 36.4#

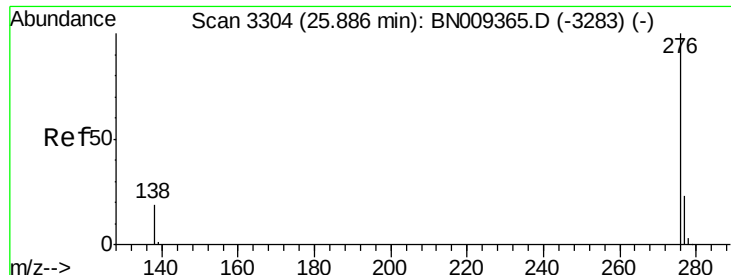


Abundance Ion 278.00 (277.70 to 278.70): E

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# 3311

Delta R.T. 0.02 min

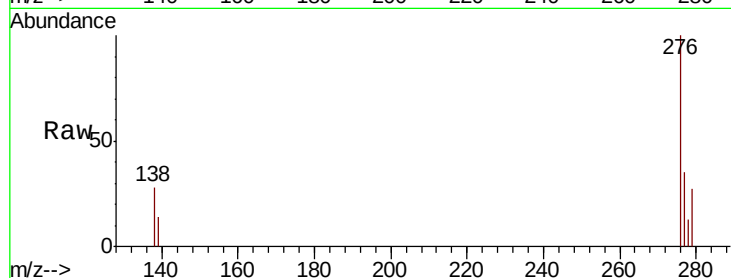
Lab File: BN009378.D

Acq: 15 Jan 2020 14:24

Instrument :

BNA_N

ClientSampleId :



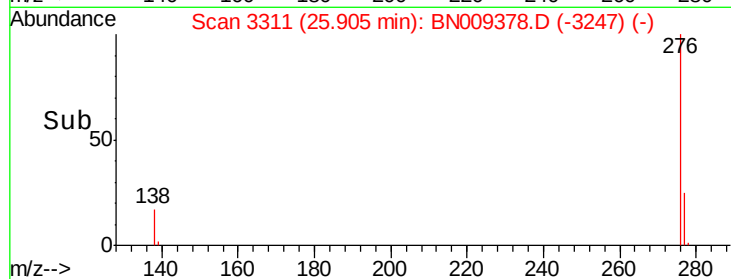
Tot Ion: 276 Resp: 1809

Ion Ratio Lower Upper

276 100

277 35.1 20.6 30.8#

138 28.2 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

