

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010164.D
 Acq On : 10 Mar 2020 16:44
 Operator : CG/JU
 Sample : L1842-15MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200305MS

Quant Time: Mar 10 18:43:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	777	0.40	ng	-0.05
7) Naphthalene-d8	10.11	136	2808	0.40	ng	-0.06
13) Acenaphthene-d10	14.00	164	1623	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	3251	0.40	ng	-0.04
27) Chrysene-d12	20.99	240	3568	0.40	ng	-0.05
34) Perylene-d12	23.09	264	3898	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	383	0.22	ng	-0.04
5) Phenol-d6	6.62	99	268	0.13	ng	-0.02
8) Nitrobenzene-d5	8.55	82	891	0.38	ng	-0.04
11) 2-Methylnaphthalene-d10	11.73	152	1700	0.31	ng	-0.05
14) 2,4,6-Tribromophenol	15.55	330	262	0.42	ng	-0.04
15) 2-Fluorobiphenyl	12.63	172	2406	0.39	ng	-0.06
25) Fluoranthene-d10	18.82	212	3803	0.34	ng	-0.04
29) Terphenyl-d14	19.43	244	3225	0.38	ng	-0.05

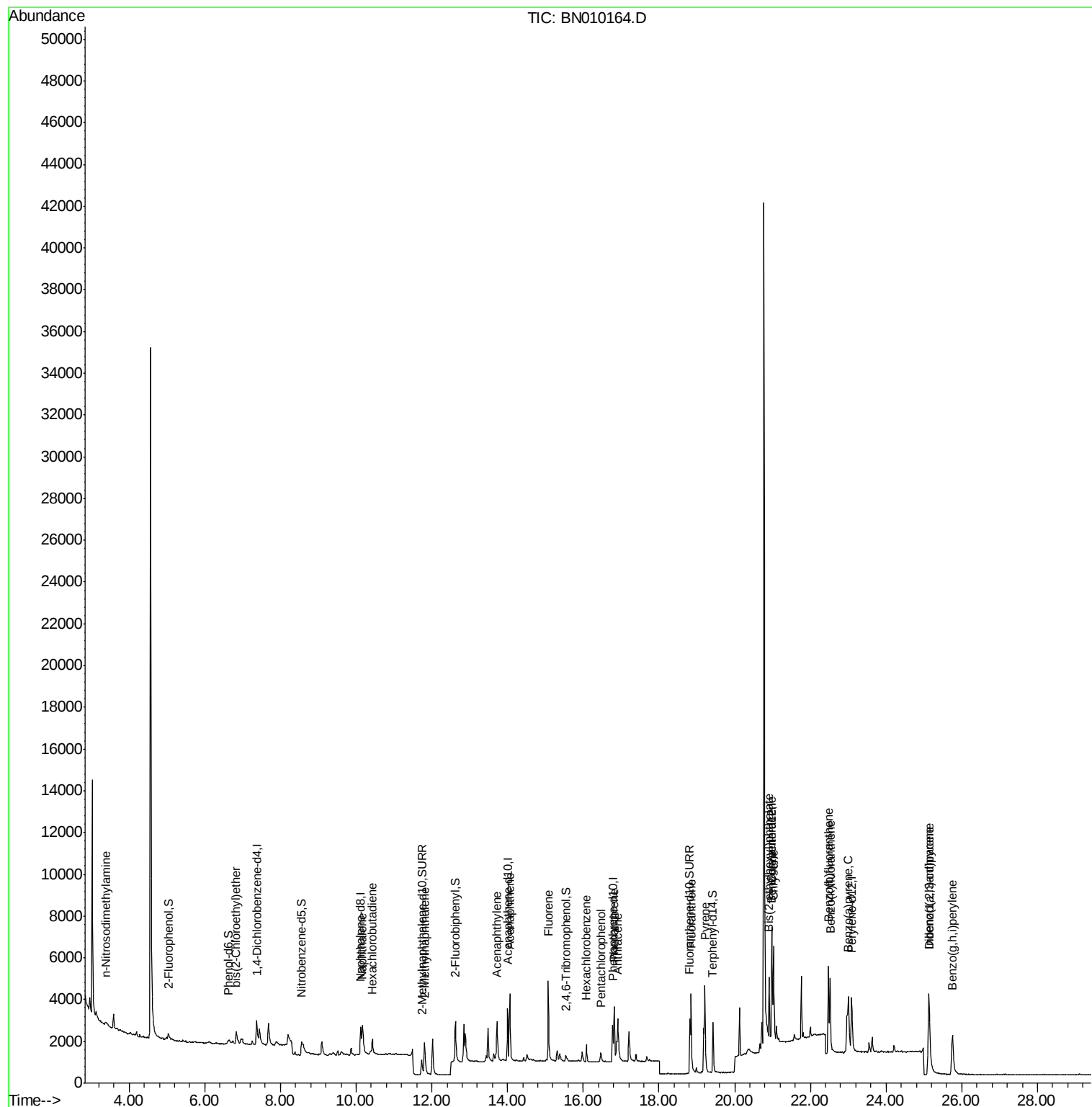
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.38	42	295	0.226	ng	# 94
6) bis(2-Chloroethyl)ether	6.83	93	737	0.361	ng	94
9) Naphthalene	10.16	128	2651	0.346	ng	97
10) Hexachlorobutadiene	10.43	225	553	0.328	ng	# 95
12) 2-Methylnaphthalene	11.81	142	1804	0.344	ng	97
16) Acenaphthylene	13.72	152	2586	0.374	ng	99
17) Acenaphthene	14.06	154	1741	0.358	ng	99
18) Fluorene	15.08	166	2215	0.345	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	172	Below Cal		91
21) Hexachlorobenzene	16.09	284	722	0.357	ng	94
22) Pentachlorophenol	16.46	266	407	0.779	ng	91
23) Phenanthrene	16.81	178	3571	0.369	ng	99
24) Anthracene	16.92	178	3106	0.380	ng	98
26) Fluoranthene	18.85	202	4295	0.371	ng	100
28) Pyrene	19.21	202	4542	0.335	ng	100
30) Benzo(a)anthracene	20.97	228	4193	0.354	ng	99
31) Chrysene	21.03	228	4473	0.327	ng	98
32) Bis(2-ethylhexyl)phthalate	20.91	149	2976	0.515	ng	94
33) Indeno(1,2,3-cd)pyrene	25.13	276	5357	0.376	ng	98
35) Benzo(b)fluoranthene	22.48	252	4778	0.335	ng	96
36) Benzo(k)fluoranthene	22.52	252	5169	0.333	ng	98
37) Benzo(a)pyrene	23.01	252	4715	0.363	ng	# 94
38) Dibenzo(a,h)anthracene	25.14	278	4390	0.343	ng	98
39) Benzo(g,h,i)perylene	25.75	276	4751	0.348	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010164.D
Acq On : 10 Mar 2020 16:44
Operator : CG/JU
Sample : L1842-15MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Quant Time: Mar 10 18:43:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



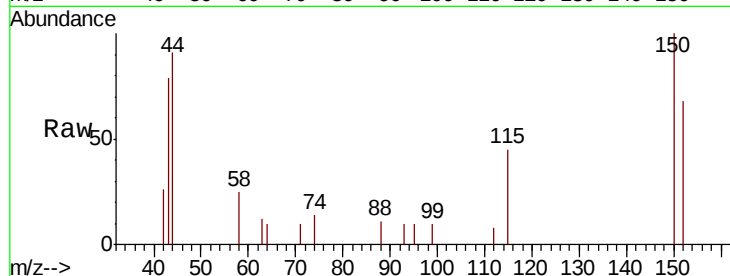


#1

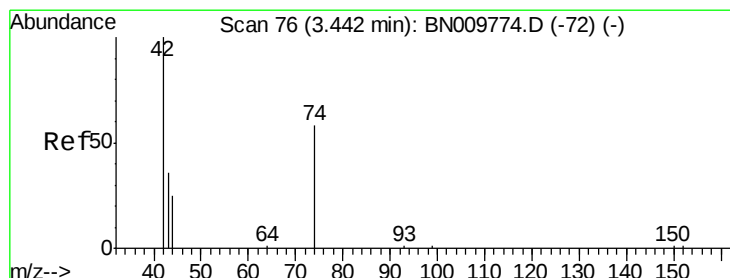
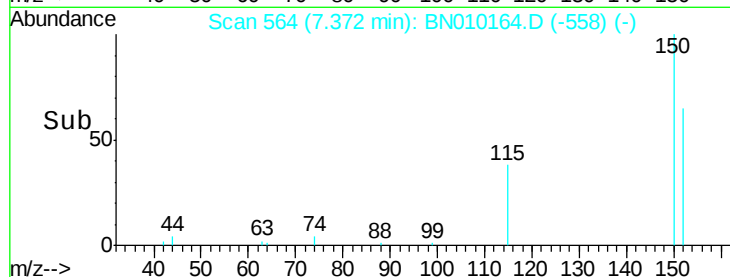
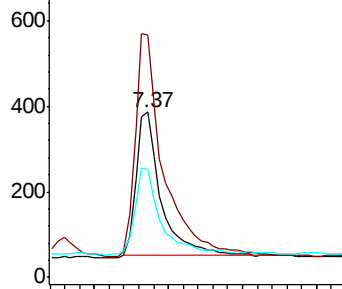
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tot Ion:152 Resp: 777
Ion Ratio Lower Upper
152 100
150 146.9 120.6 181.0
115 65.5 51.2 76.8



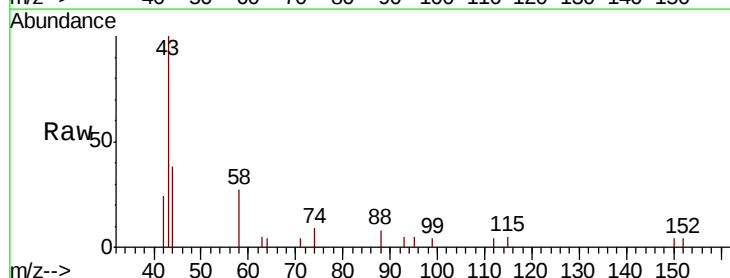
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



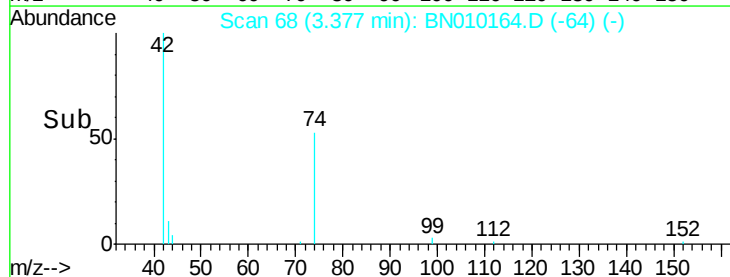
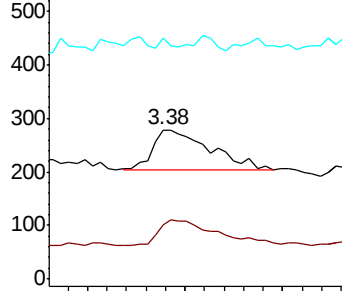
#3

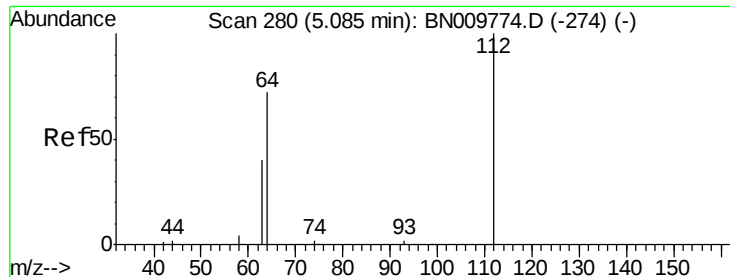
n-Nitrosodimethylamine
Concen: 0.226 ng
RT: 3.38 min Scan# 68
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion: 42 Resp: 295
Ion Ratio Lower Upper
42 100
74 68.8 51.2 76.8
44 4.4 2.6 4.0#



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: 0.222 ng

RT: 5.04 min Scan# 275

Delta R.T. -0.04 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MS

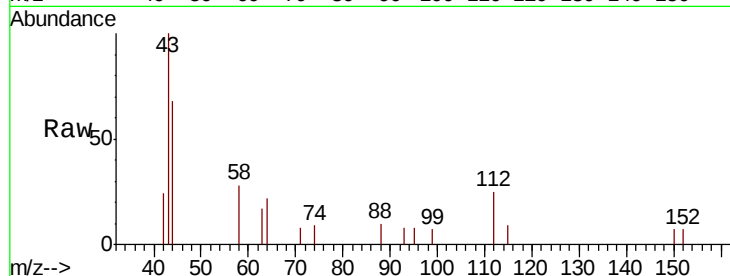
Tot Ion: 112 Resp: 383

Ion Ratio Lower Upper

112 100

64 82.8 65.8 98.6

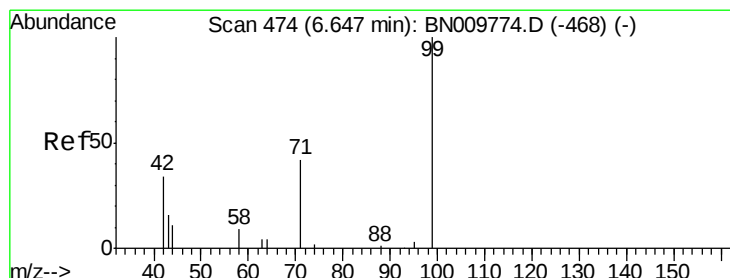
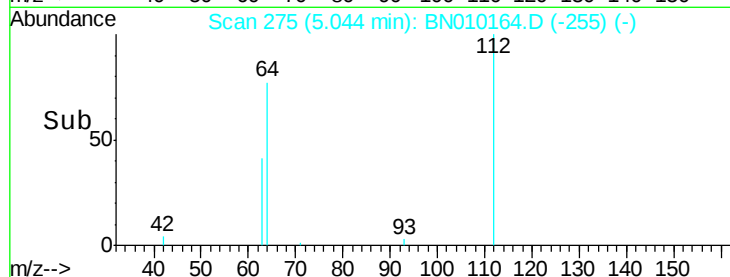
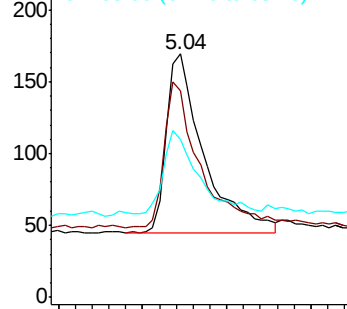
63 44.6 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.127 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

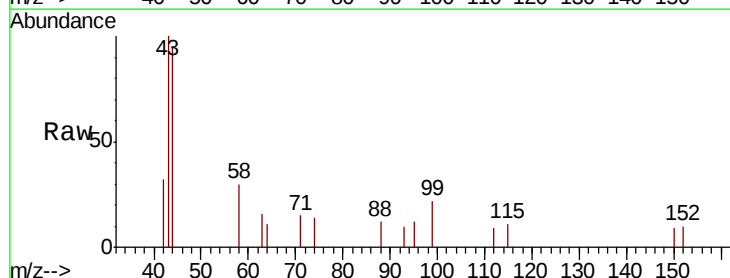
Tgt Ion: 99 Resp: 268

Ion Ratio Lower Upper

99 100

42 25.7 30.8 46.2#

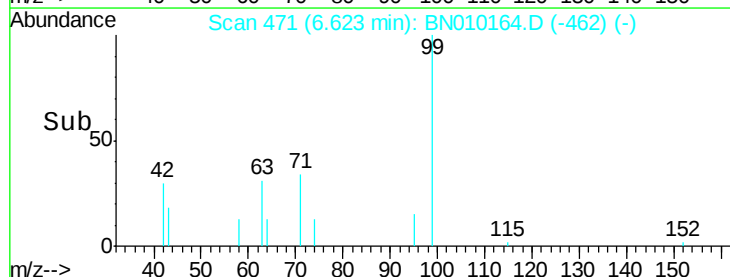
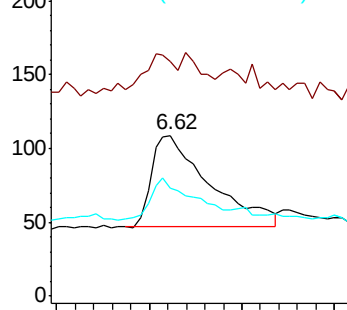
71 35.8 34.9 52.3

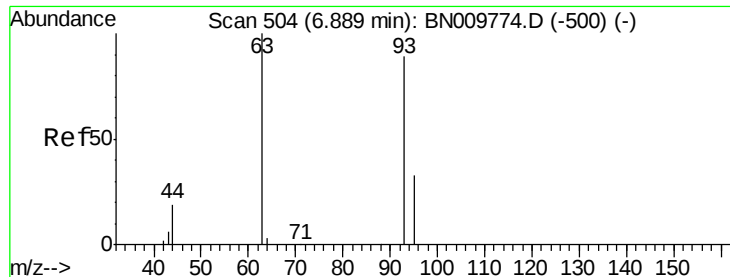


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.361 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.06 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MS

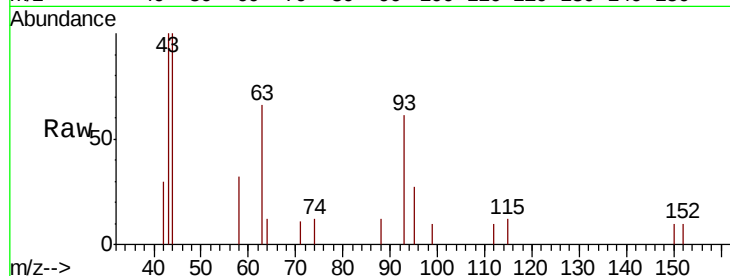
Tot Ion: 93 Resp: 737

Ion Ratio Lower Upper

93 100

63 99.9 74.0 111.0

95 34.6 26.7 40.1

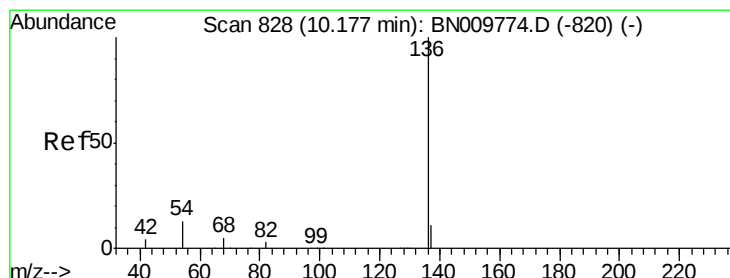
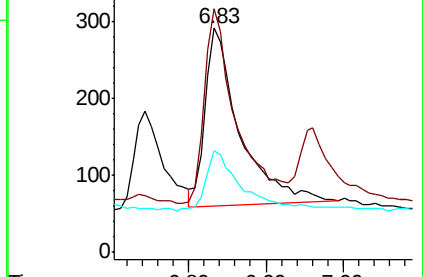
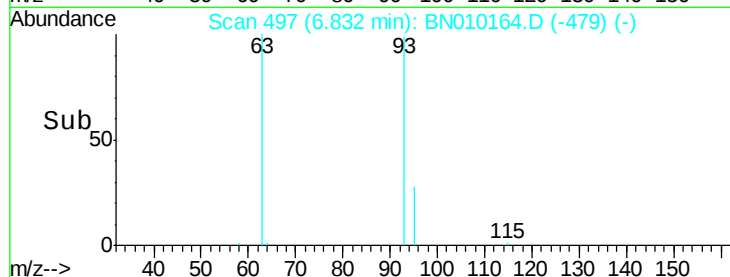


Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN009774.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN009774.D (-500) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.11 min Scan# 823

Delta R.T. -0.06 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Tgt Ion: 136 Resp: 2808

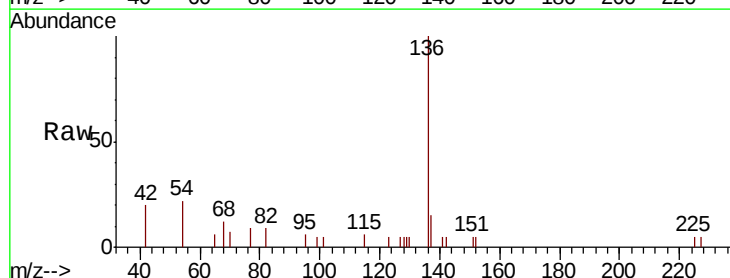
Ion Ratio Lower Upper

136 100

137 15.1 11.3 16.9

54 22.3 13.4 20.2#

68 11.9 7.0 10.4#



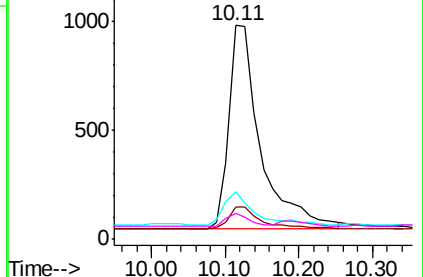
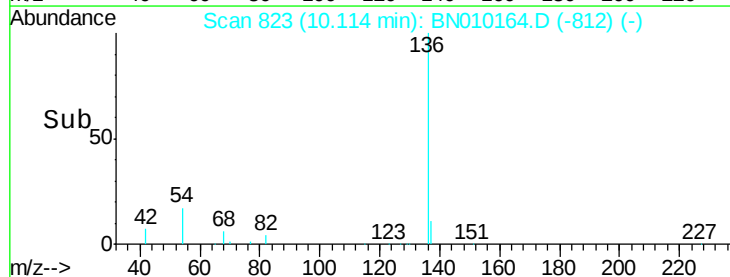
Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)

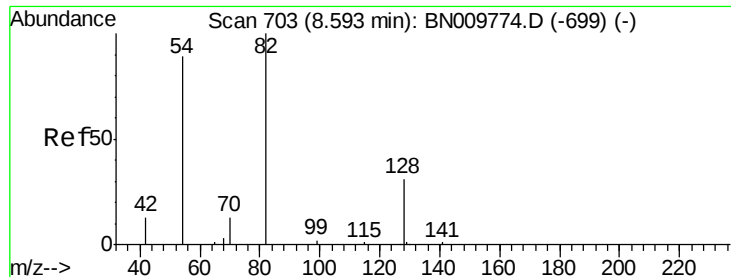
Ion 137.00 (136.70 to 137.70): BN009774.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN009774.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN009774.D (-820) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.381 ng

RT: 8.55 min Scan# 700

Delta R.T. -0.04 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MS

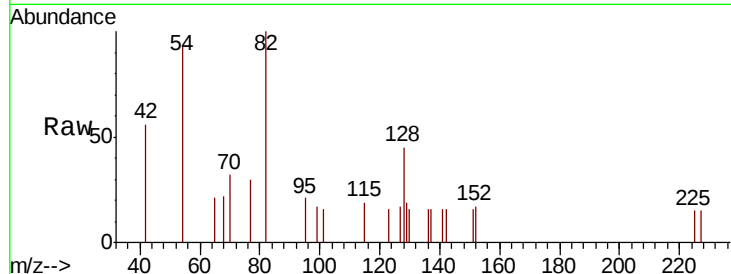
Tot Ion: 82 Resp: 891

Ion Ratio Lower Upper

82 100

128 44.9 32.5 48.7

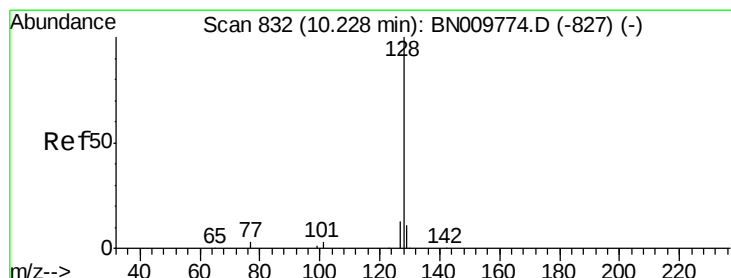
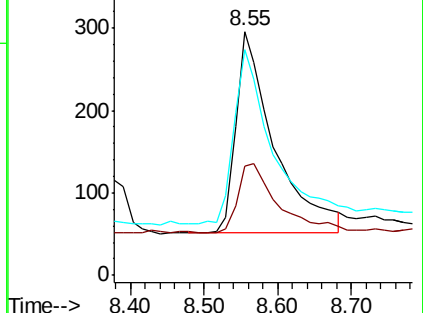
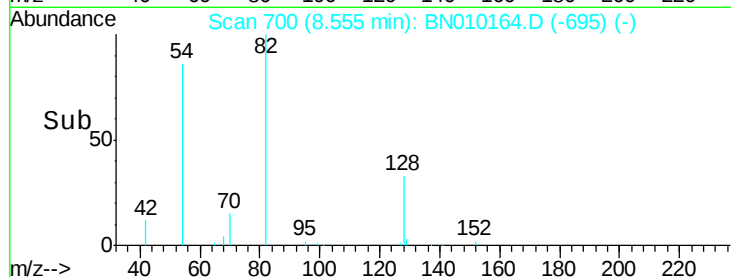
54 92.6 73.5 110.3



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#9

Naphthalene

Concen: 0.346 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.06 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

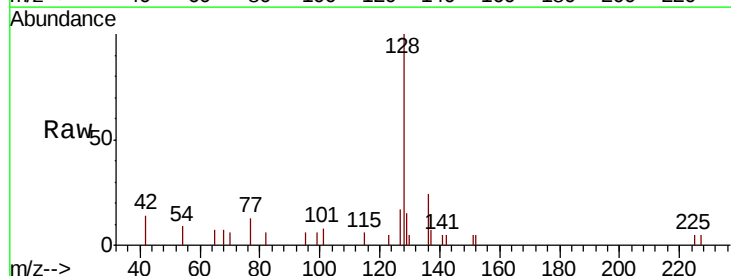
Tgt Ion: 128 Resp: 2651

Ion Ratio Lower Upper

128 100

129 15.3 11.1 16.7

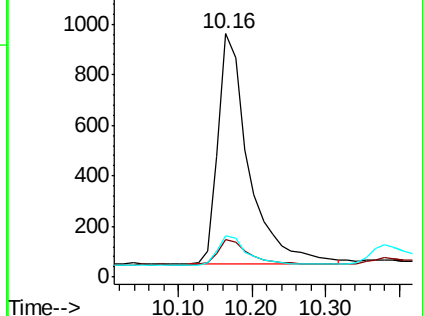
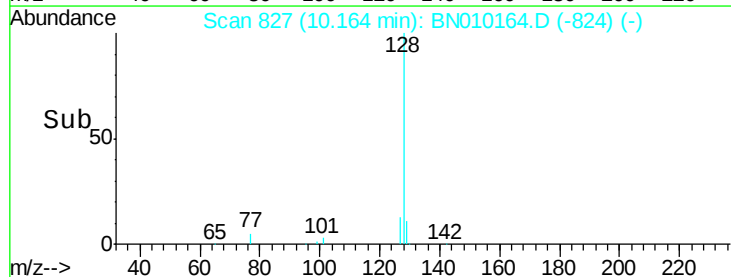
127 17.2 12.6 19.0

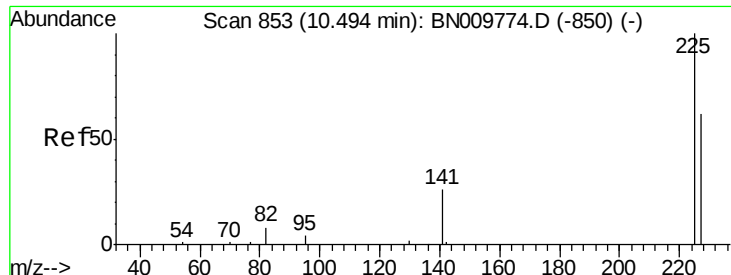


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

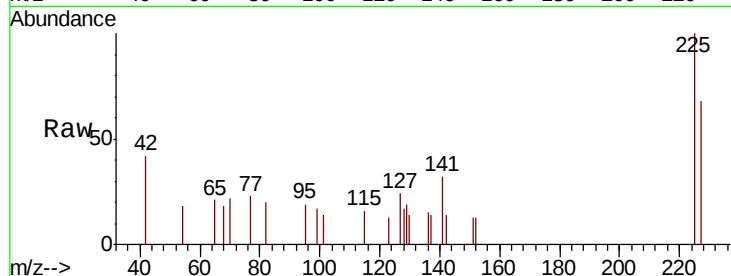




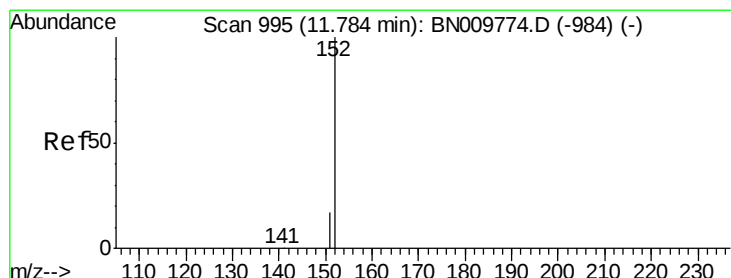
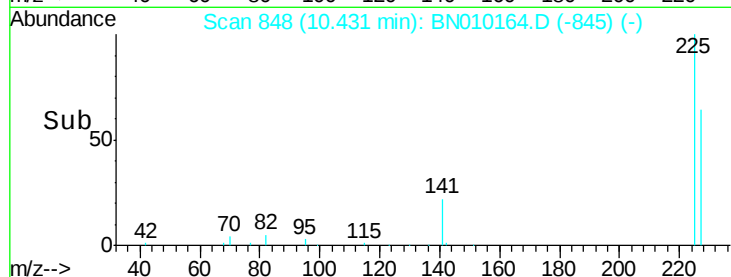
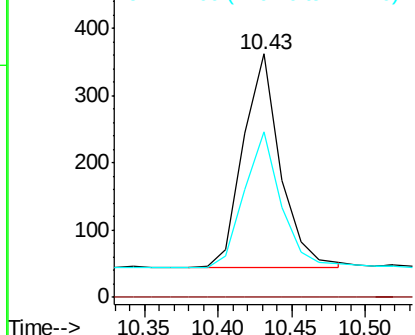
#10
Hexachlorobutadiene
Concen: 0.328 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tot Ion:225 Resp: 553
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.9 53.4 80.2

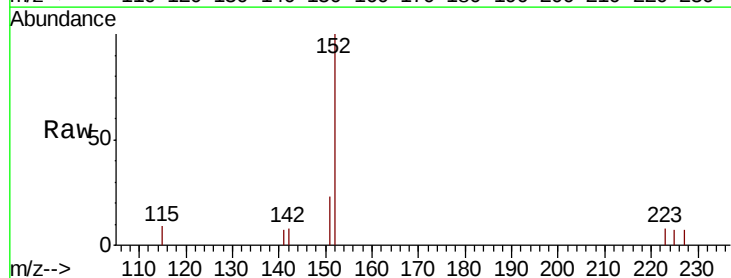


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

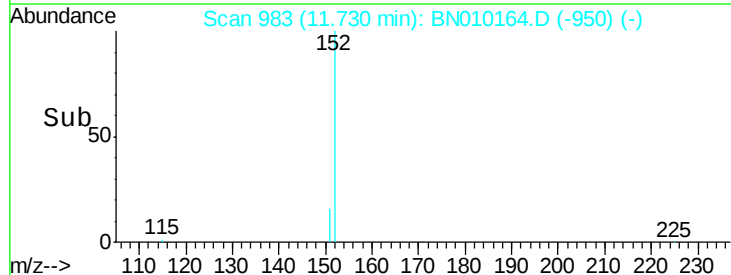
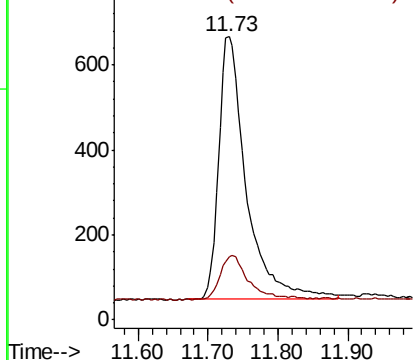


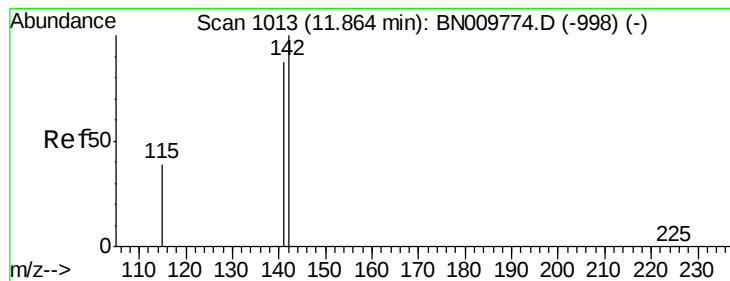
#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 11.73 min Scan# 983
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:152 Resp: 1700
Ion Ratio Lower Upper
152 100
151 17.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.344 ng

RT: 11.81 min Scan# 1000

Delta R.T. -0.06 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MS

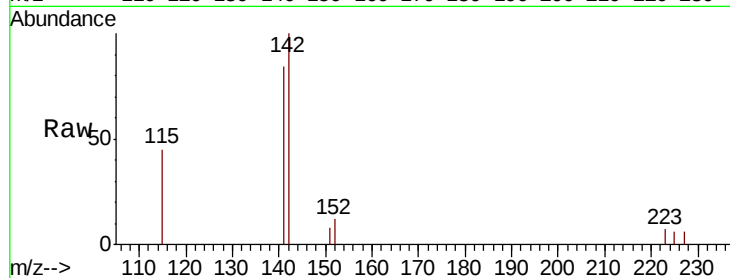
Tot Ion:142 Resp: 1804

Ion Ratio Lower Upper

142 100

141 84.3 69.8 104.6

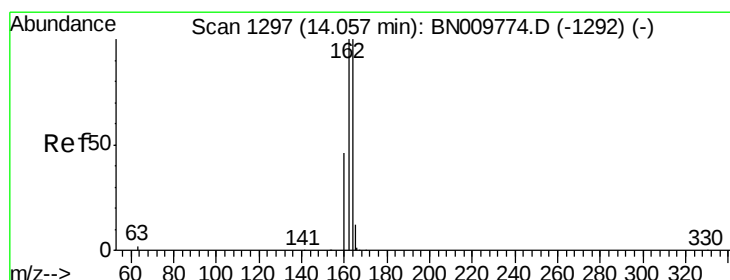
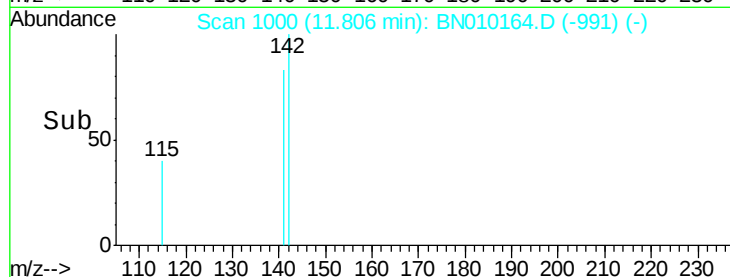
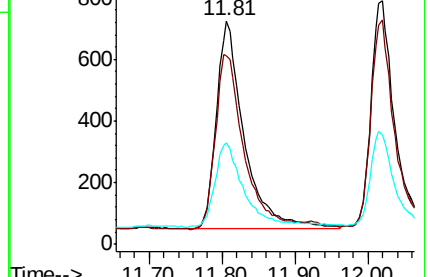
115 45.4 34.6 52.0



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1291

Delta R.T. -0.06 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

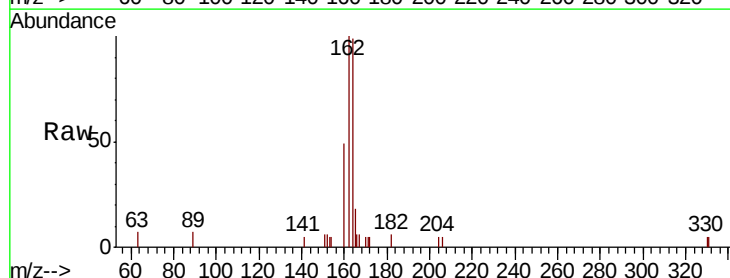
Tgt Ion:164 Resp: 1623

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

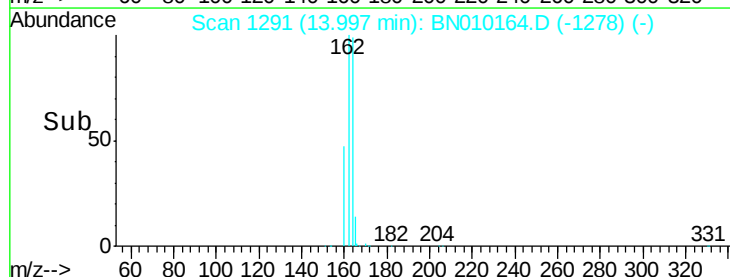
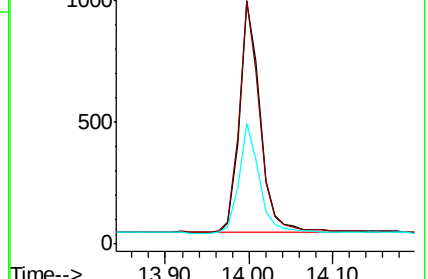
160 49.7 38.2 57.2

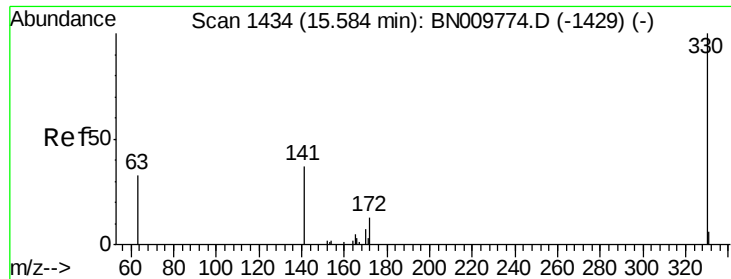


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

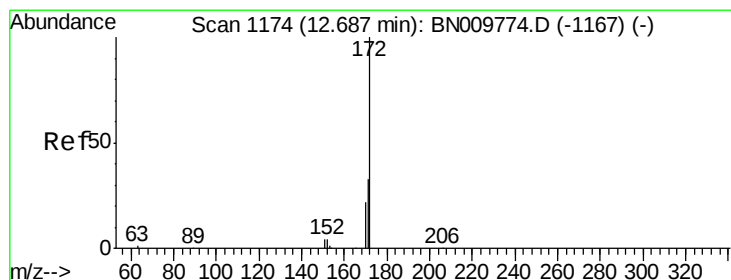
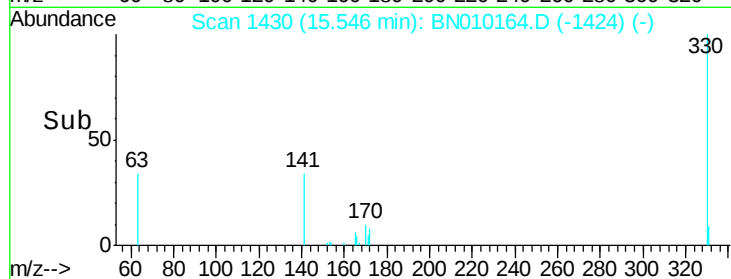
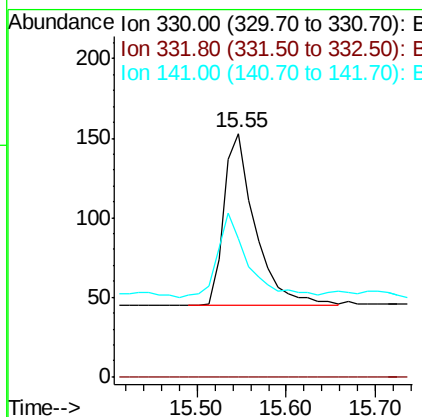
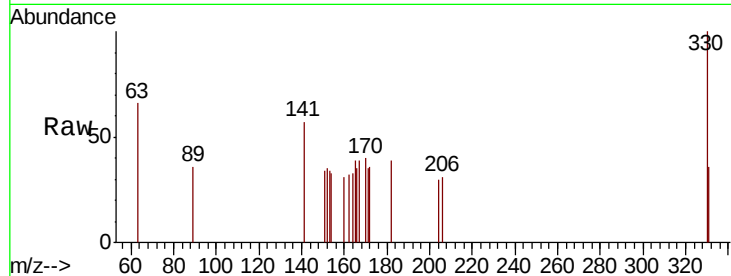




#14
 2,4,6-Tribromophenol
 Concen: 0.419 ng
 RT: 15.55 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BN010164.D
 Acq: 10 Mar 2020 16:44

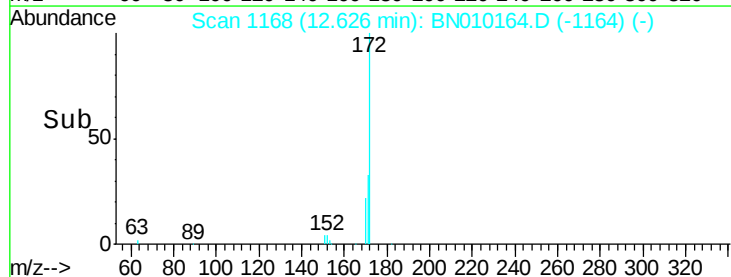
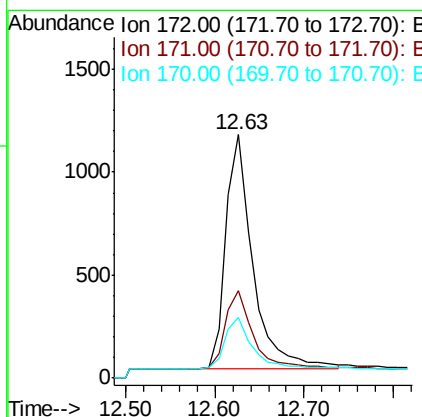
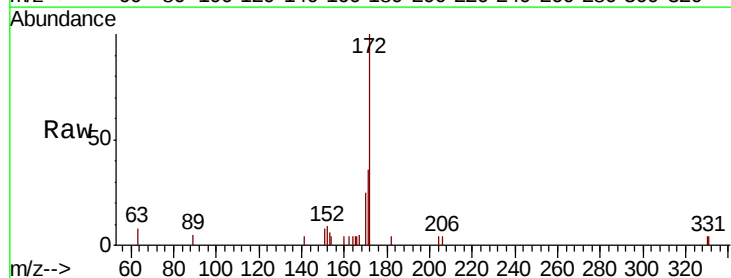
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200305MS

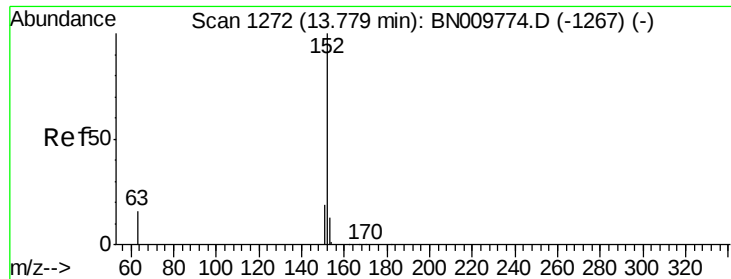
Tot Ion:330 Resp: 262
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 47.7 36.8 55.2



#15
 2-Fluorobiphenyl
 Concen: 0.393 ng
 RT: 12.63 min Scan# 1168
 Delta R.T. -0.06 min
 Lab File: BN010164.D
 Acq: 10 Mar 2020 16:44

Tgt Ion:172 Resp: 2406
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.7 43.1
 170 24.8 20.1 30.1





#16

Acenaphthylene

Concen: 0.374 ng

RT: 13.72 min Scan# 1266

Delta R.T. -0.06 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MS

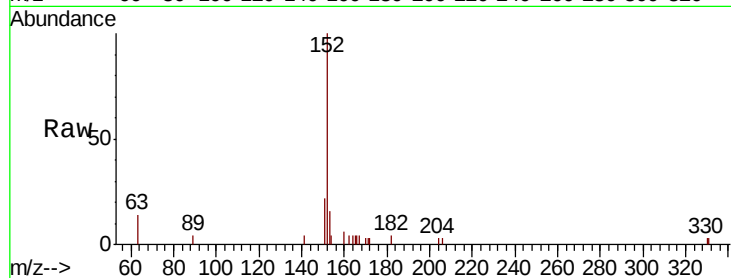
Tot Ion:152 Resp: 2586

Ion Ratio Lower Upper

152 100

151 19.0 15.8 23.6

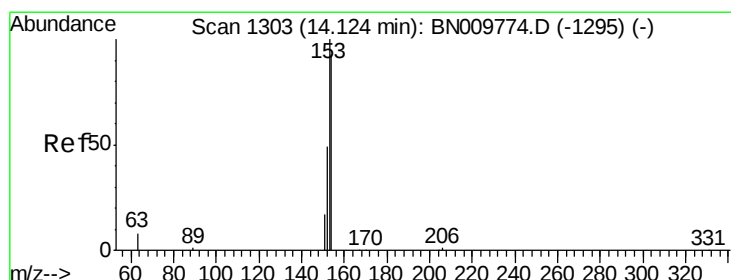
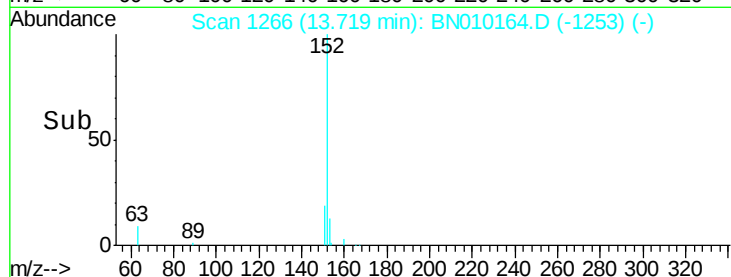
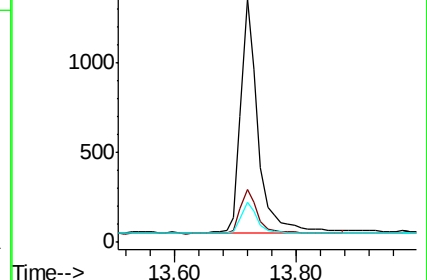
153 13.3 10.2 15.4



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: 0.358 ng

RT: 14.06 min Scan# 1297

Delta R.T. -0.06 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

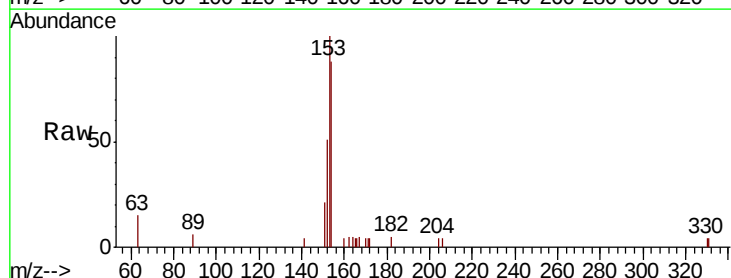
Tgt Ion:154 Resp: 1741

Ion Ratio Lower Upper

154 100

153 112.4 88.9 133.3

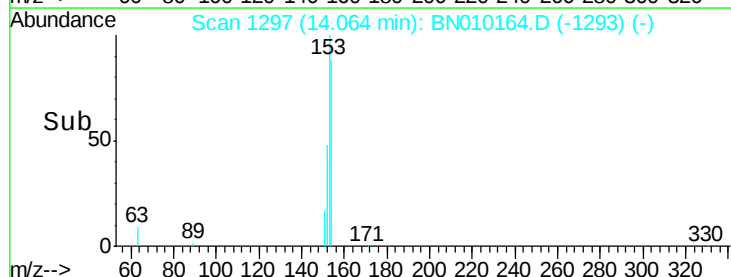
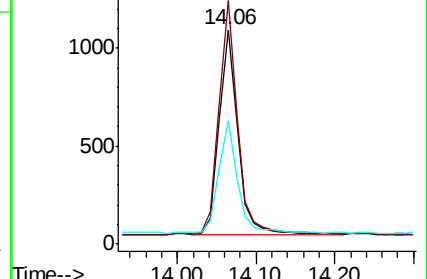
152 55.3 44.2 66.2

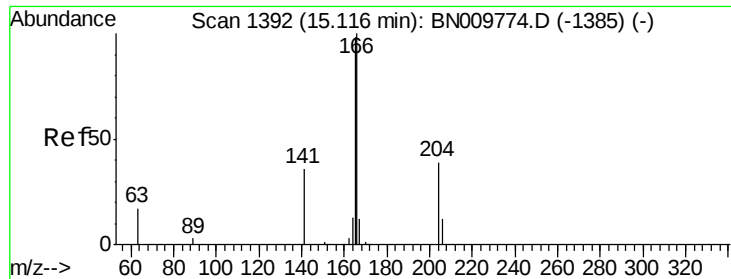


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.345 ng

RT: 15.08 min Scan# 1388

Delta R.T. -0.04 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MS

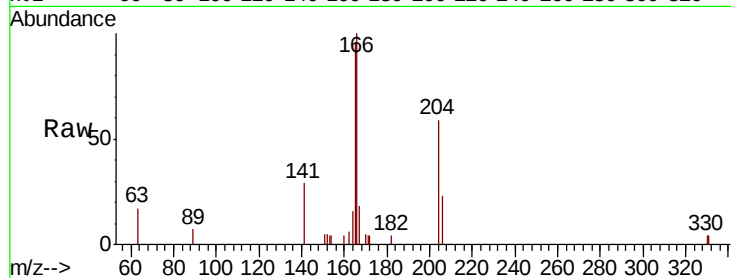
Tot Ion:166 Resp: 2215

Ion Ratio Lower Upper

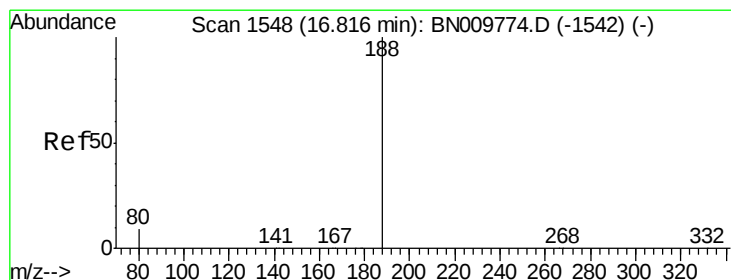
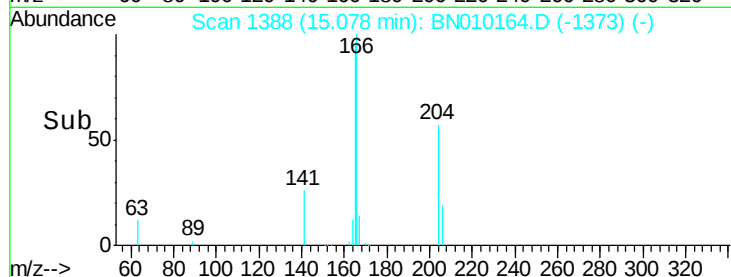
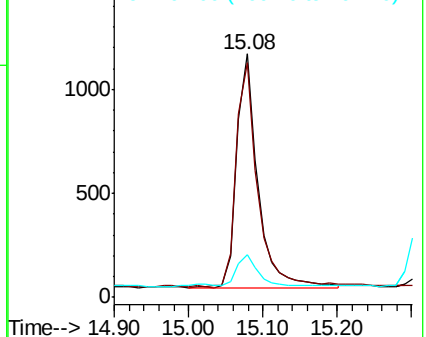
166 100

165 97.5 77.2 115.8

167 13.1 10.5 15.7



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: 16.78 min Scan# 1544

Delta R.T. -0.04 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

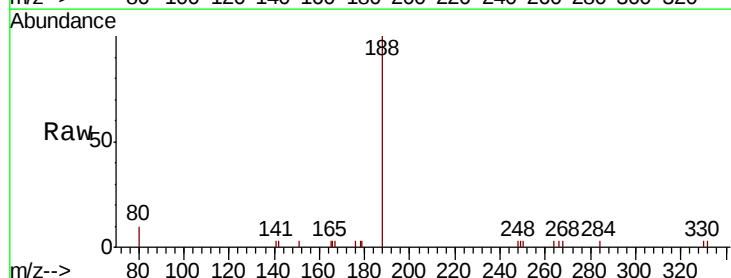
Tgt Ion:188 Resp: 3251

Ion Ratio Lower Upper

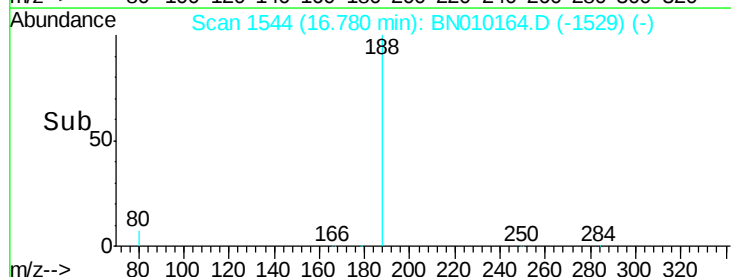
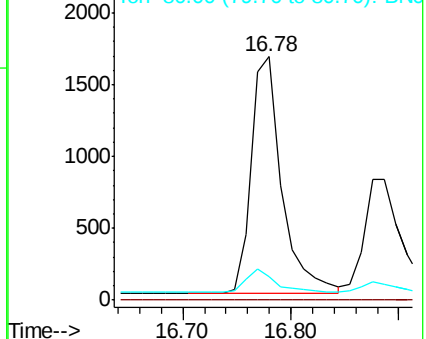
188 100

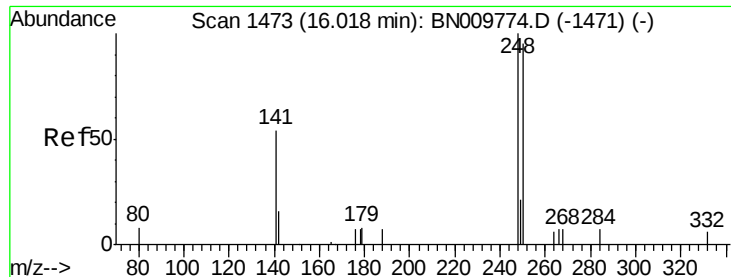
94 0.0 0.0 0.0

80 9.6 8.3 12.5



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

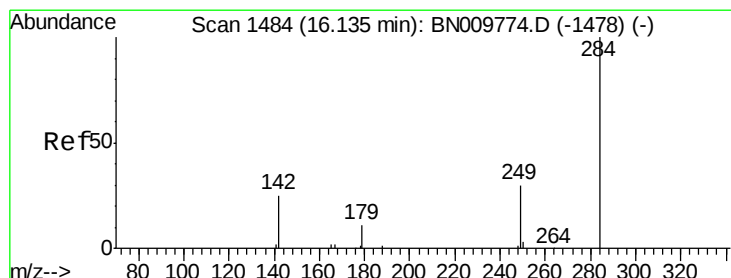
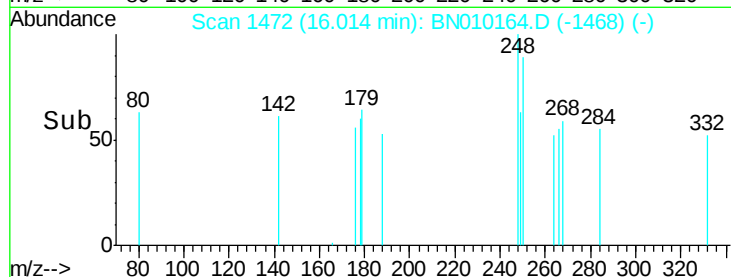
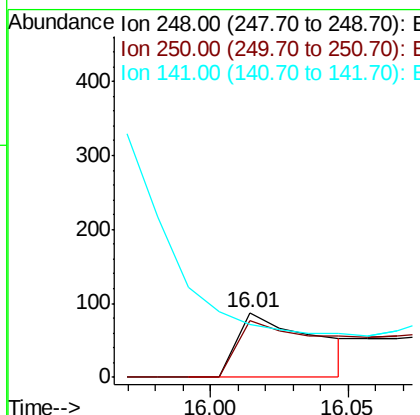
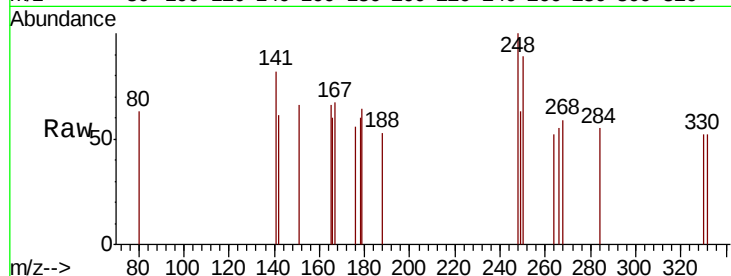




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

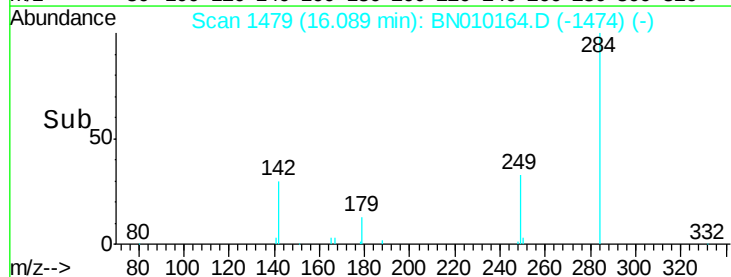
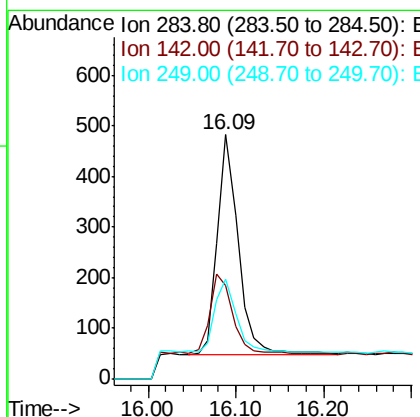
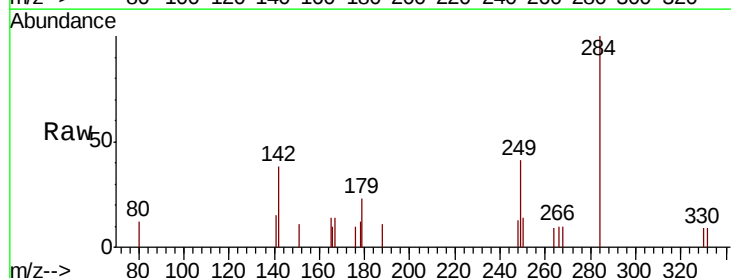
Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

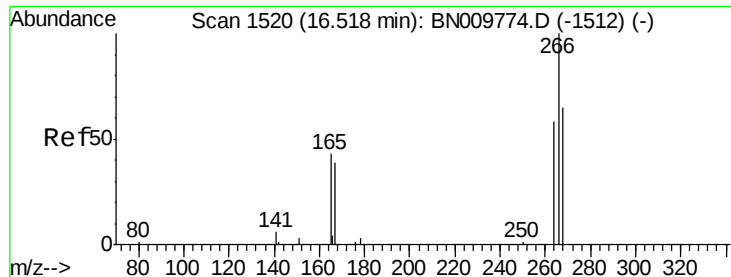
Tot Ion:248 Resp: 172
Ion Ratio Lower Upper
248 100
250 88.5 76.2 114.4
141 81.6 57.8 86.6



#21
Hexachlorobenzene
Concen: 0.357 ng
RT: 16.09 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:284 Resp: 722
Ion Ratio Lower Upper
284 100
142 39.2 33.3 49.9
249 37.3 25.7 38.5





#22

Pentachlorophenol

Concen: 0.779 ng

RT: 16.46 min Scan# 1514

Delta R.T. -0.06 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MS

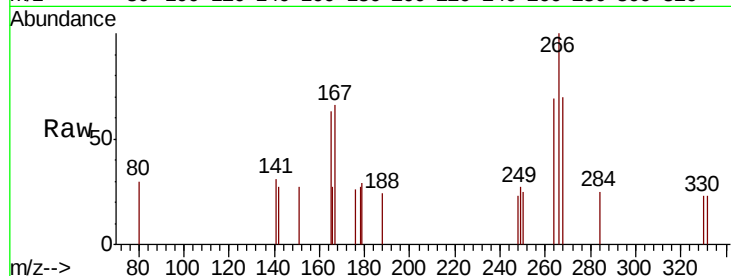
Tot Ion:266 Resp: 407

Ion Ratio Lower Upper

266 100

264 68.7 58.1 87.1

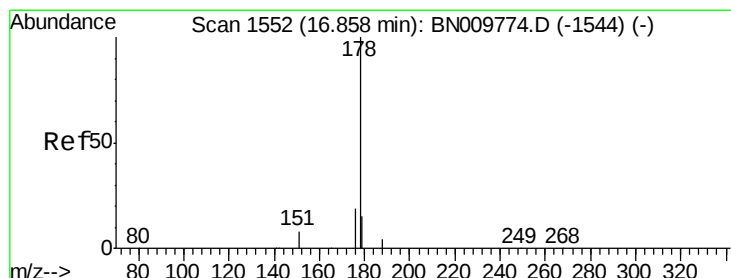
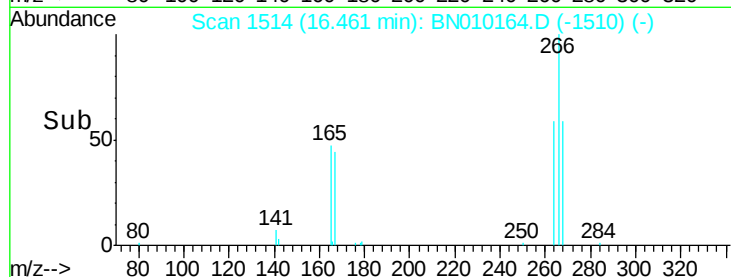
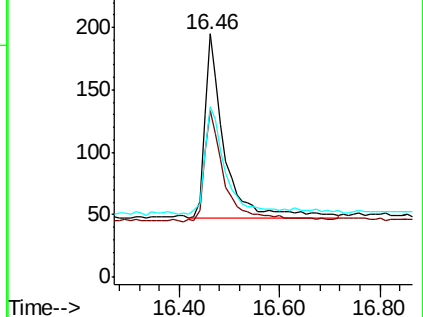
268 70.3 65.7 98.5



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: 0.369 ng

RT: 16.81 min Scan# 1547

Delta R.T. -0.05 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

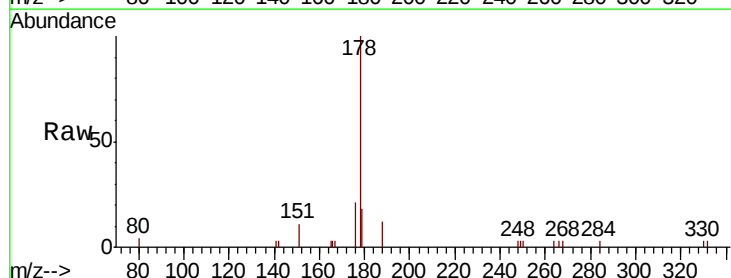
Tgt Ion:178 Resp: 3571

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

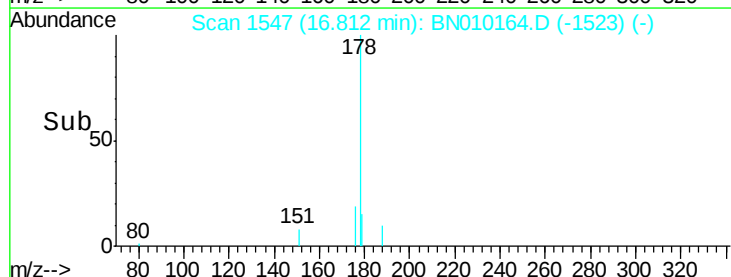
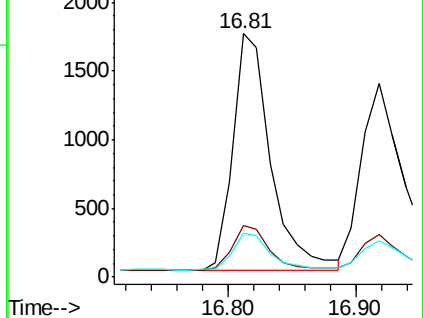
179 15.1 12.4 18.6

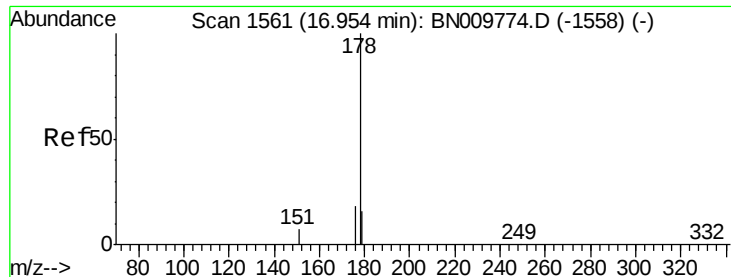


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.380 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.04 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MS

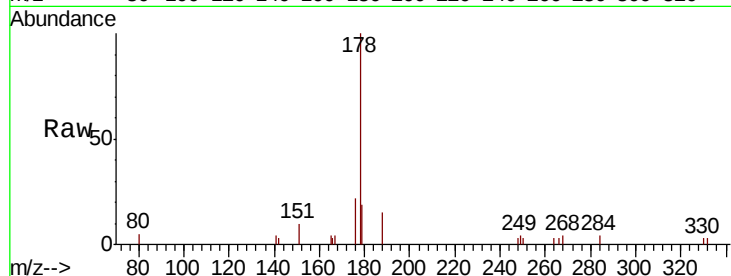
Tot Ion:178 Resp: 3106

Ion Ratio Lower Upper

178 100

176 18.4 14.3 21.5

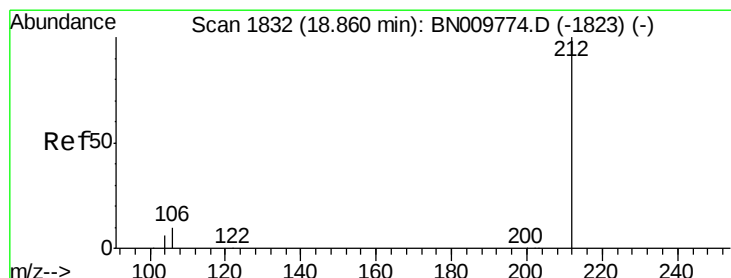
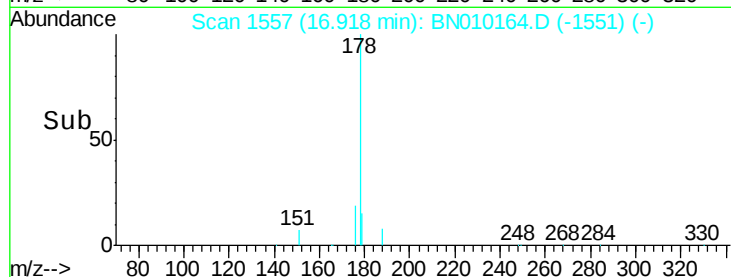
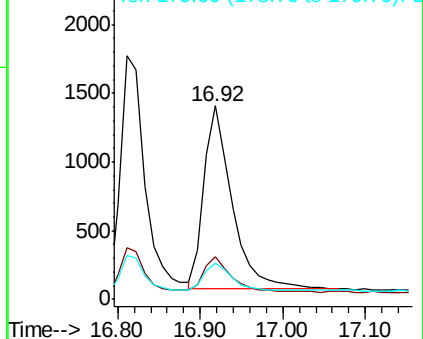
179 14.3 12.4 18.6



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: 0.338 ng

RT: 18.82 min Scan# 1822

Delta R.T. -0.04 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

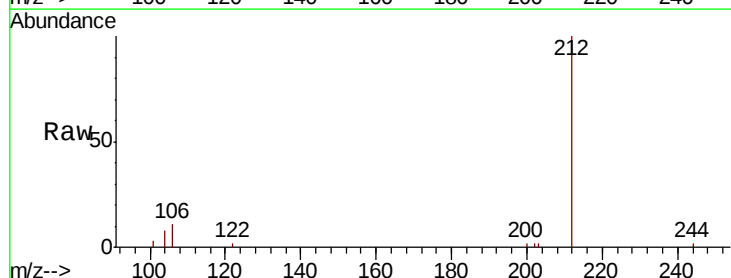
Tgt Ion:212 Resp: 3803

Ion Ratio Lower Upper

212 100

106 11.0 8.4 12.6

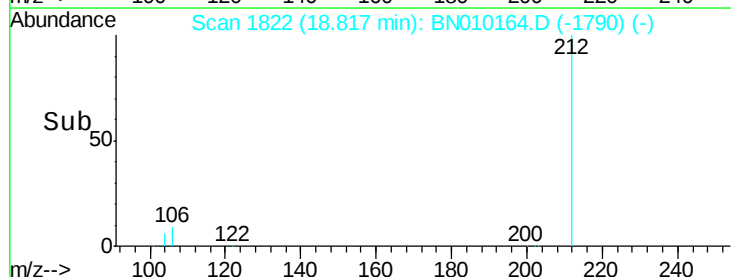
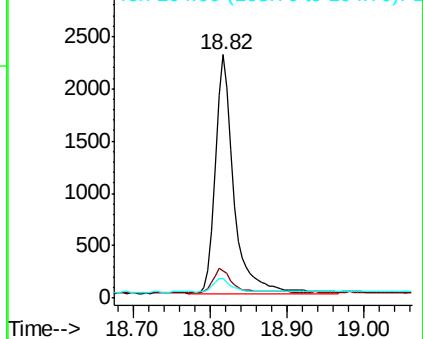
104 6.3 4.8 7.2

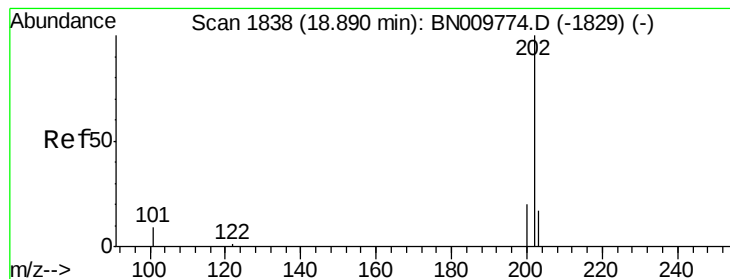


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.371 ng

RT: 18.85 min Scan# 1828

Delta R.T. -0.04 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MS

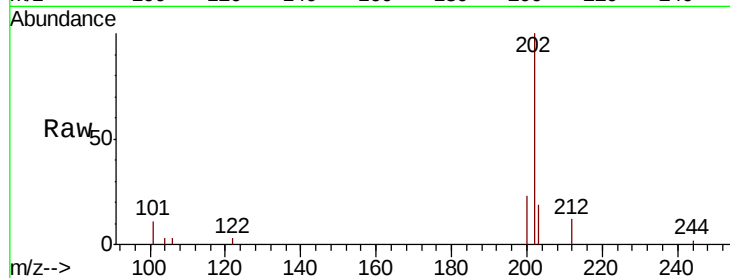
Tot Ion:202 Resp: 4295

Ion Ratio Lower Upper

202 100

101 9.0 7.1 10.7

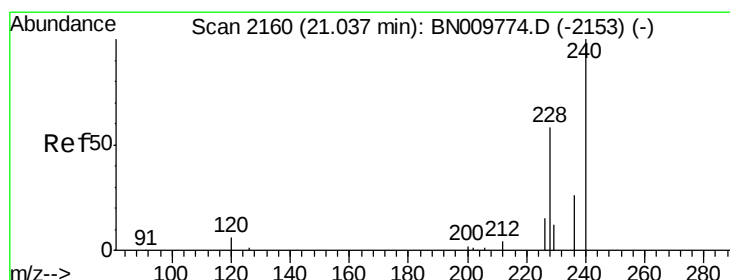
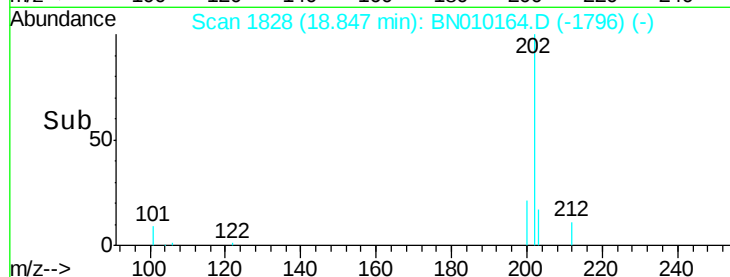
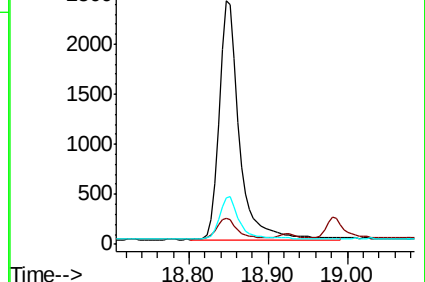
203 17.4 13.8 20.6



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: 20.99 min Scan# 2154

Delta R.T. -0.05 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

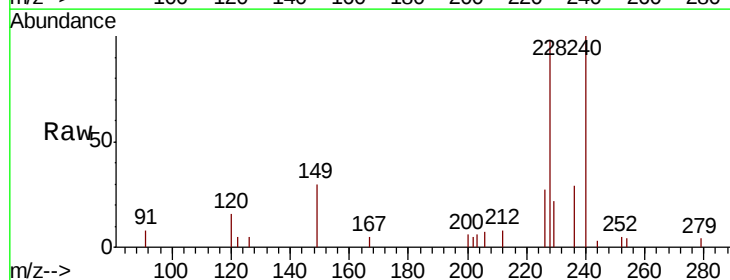
Tgt Ion:240 Resp: 3568

Ion Ratio Lower Upper

240 100

120 15.6 7.9 11.9#

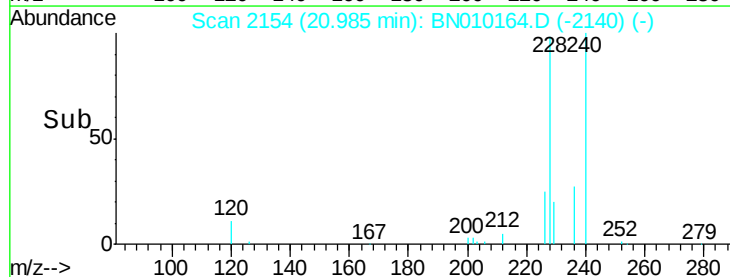
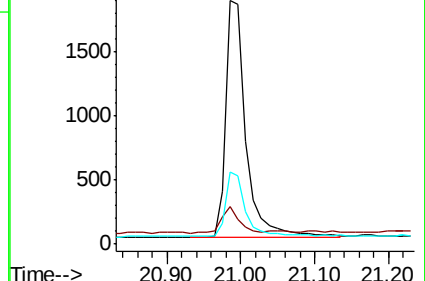
236 29.4 22.0 33.0

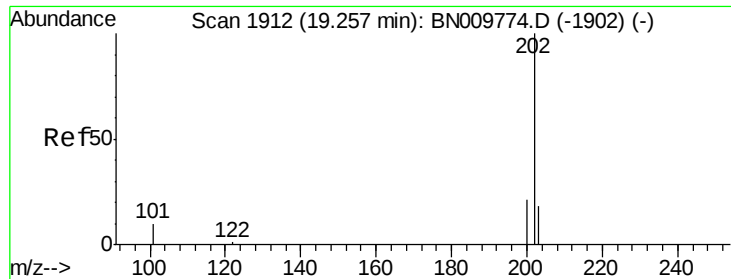


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

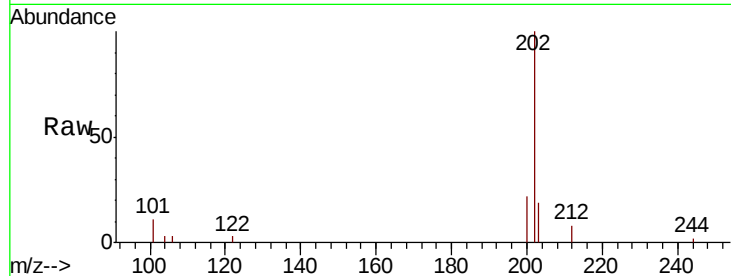




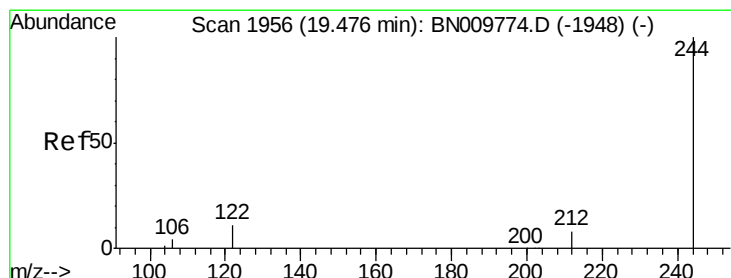
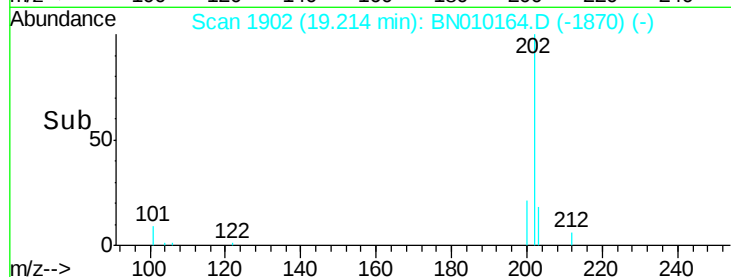
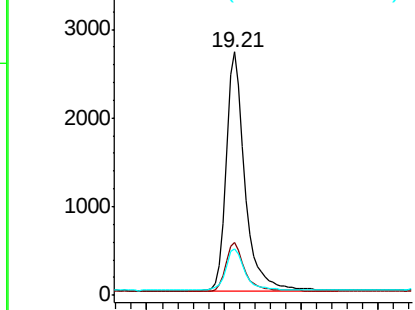
#28
Pvrene
Concen: 0.335 ng
RT: 19.21 min Scan# 1902
Delta R.T. -0.04 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tot Ion:202 Resp: 4542
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.7 13.9 20.9

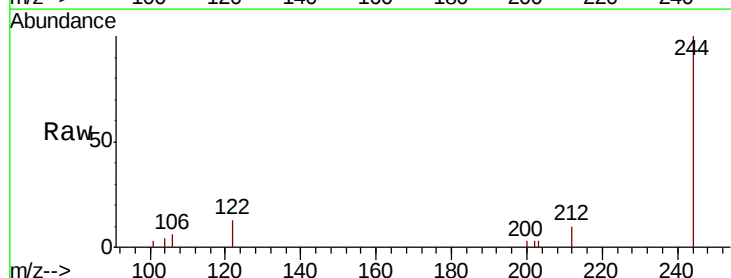


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

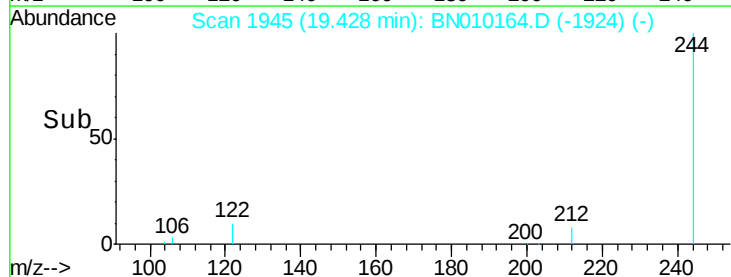
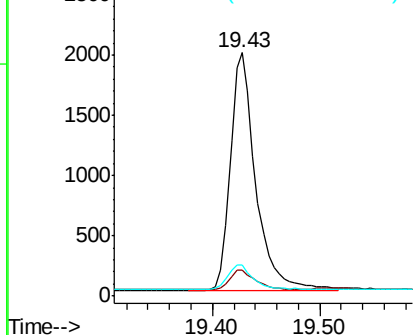


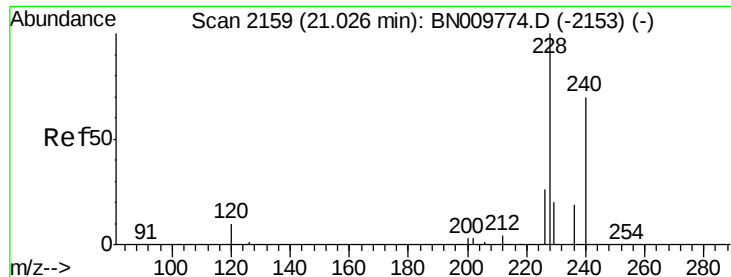
#29
Terphenyl-d14
Concen: 0.378 ng
RT: 19.43 min Scan# 1945
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:244 Resp: 3225
Ion Ratio Lower Upper
244 100
212 10.4 8.0 12.0
122 12.7 10.0 15.0



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: 0.354 ng

RT: 20.97 min Scan# 2153

Delta R.T. -0.05 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MS

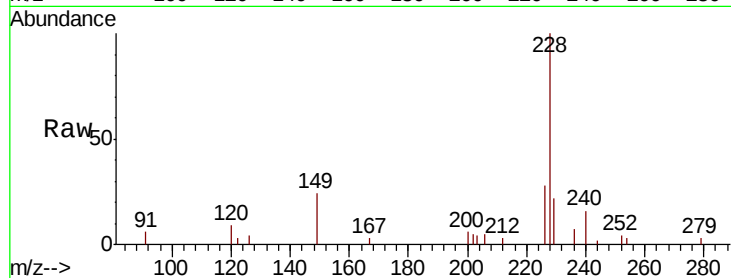
Tot Ion:228 Resp: 4193

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.8

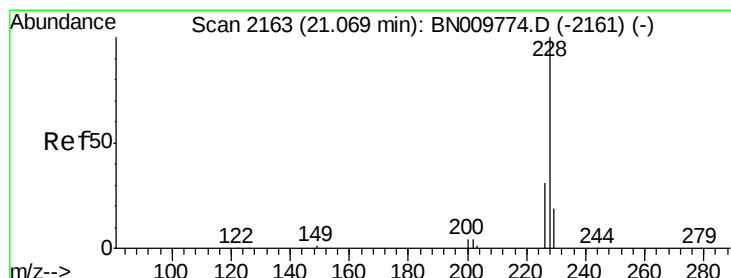
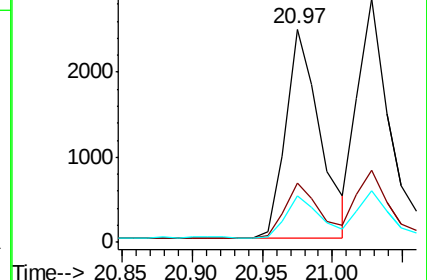
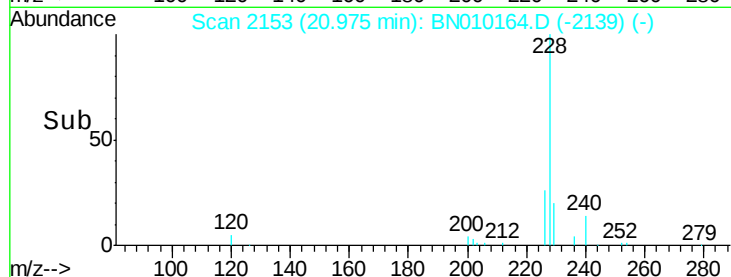
229 21.5 17.1 25.7



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: 0.327 ng

RT: 21.03 min Scan# 2158

Delta R.T. -0.04 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

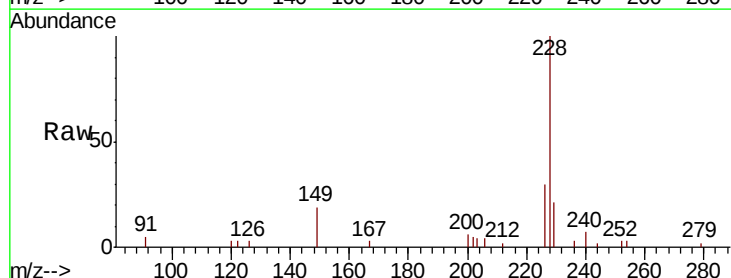
Tgt Ion:228 Resp: 4473

Ion Ratio Lower Upper

228 100

226 29.8 24.8 37.2

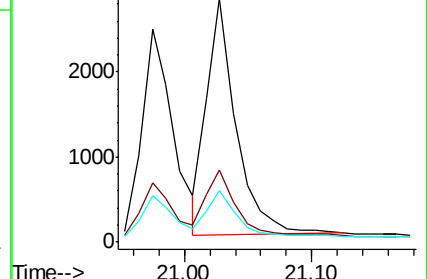
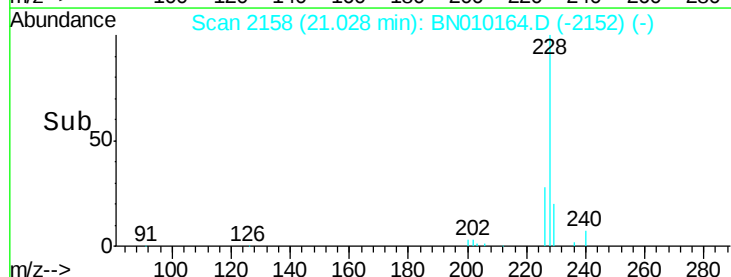
229 21.2 16.4 24.6

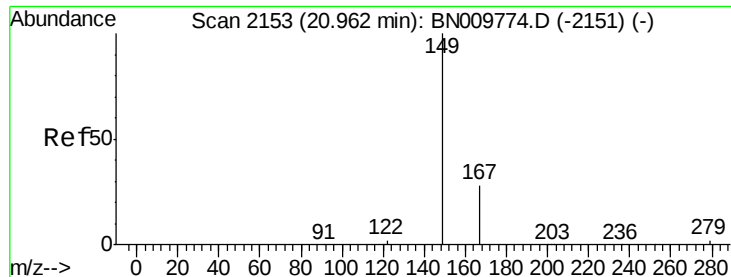


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

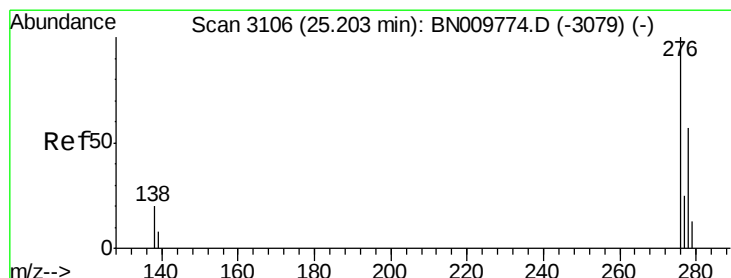
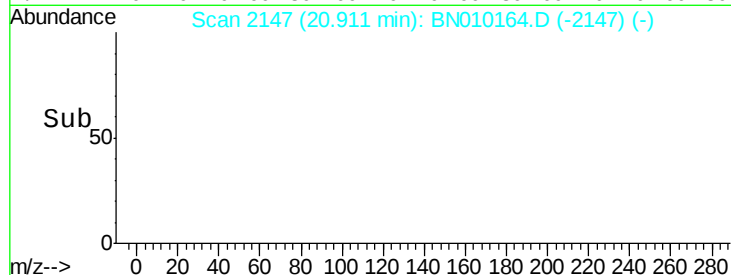
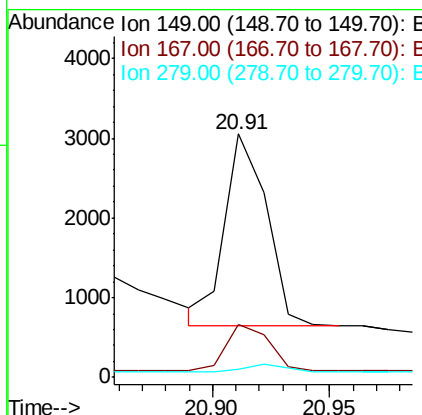
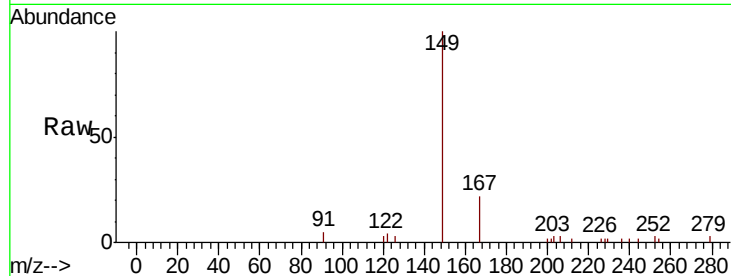




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.515 ng
 RT: 20.91 min Scan# 2147
 Delta R.T. -0.05 min
 Lab File: BN010164.D
 Acq: 10 Mar 2020 16:44

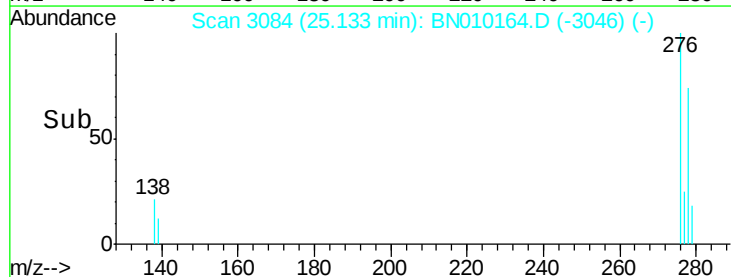
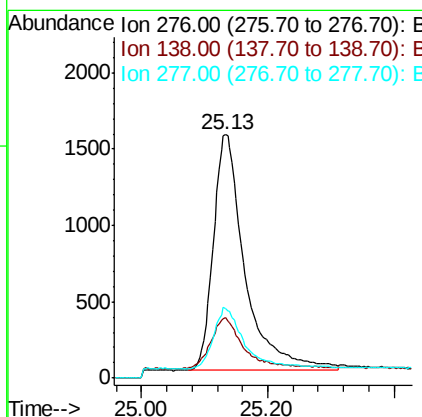
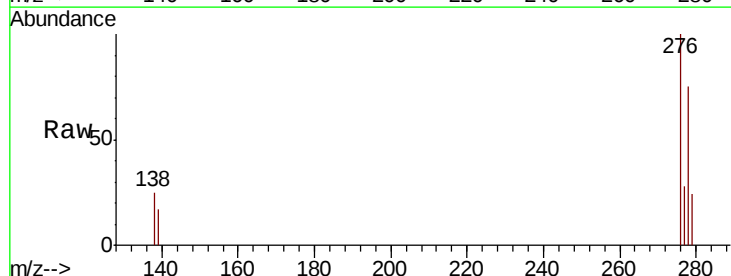
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200305MS

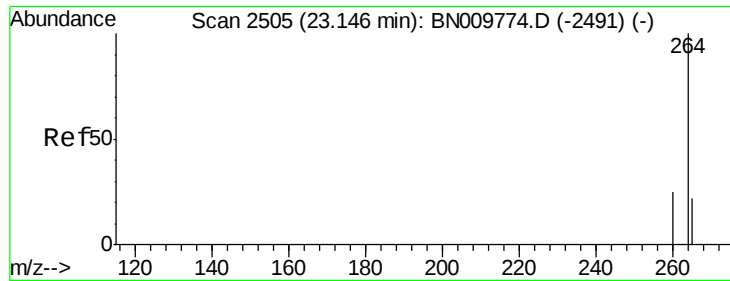
Tot Ion:149 Resp: 2976
 Ion Ratio Lower Upper
 149 100
 167 24.7 22.7 34.1
 279 3.8 3.1 4.7



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.376 ng
 RT: 25.13 min Scan# 3084
 Delta R.T. -0.07 min
 Lab File: BN010164.D
 Acq: 10 Mar 2020 16:44

Tgt Ion:276 Resp: 5357
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.8 23.6
 277 22.9 19.3 28.9

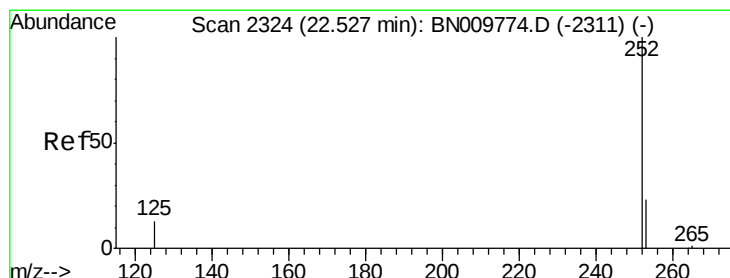
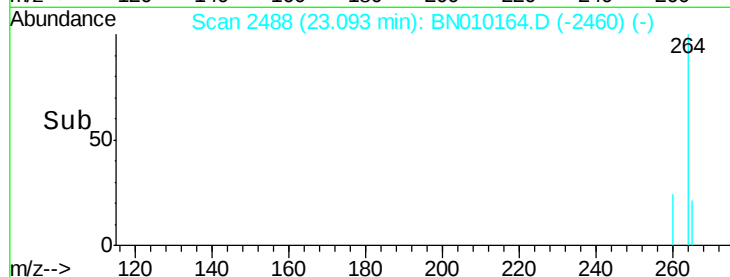
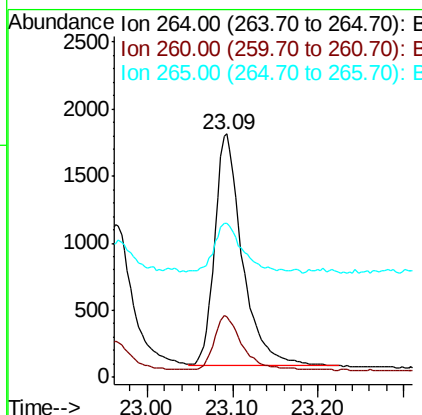
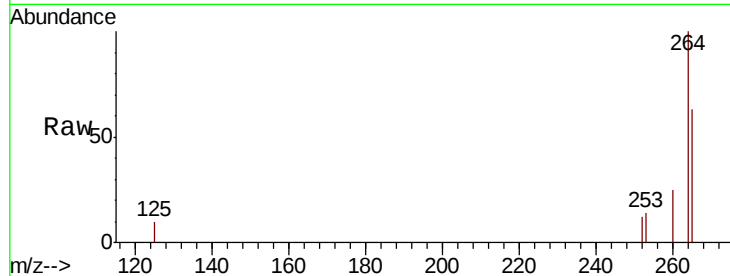




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.09 min Scan# 2488
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

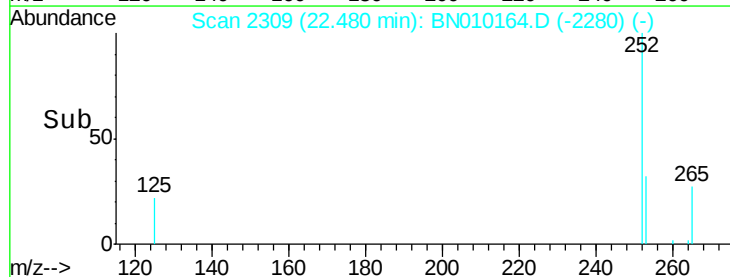
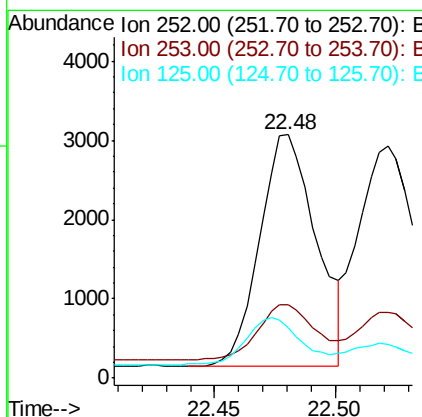
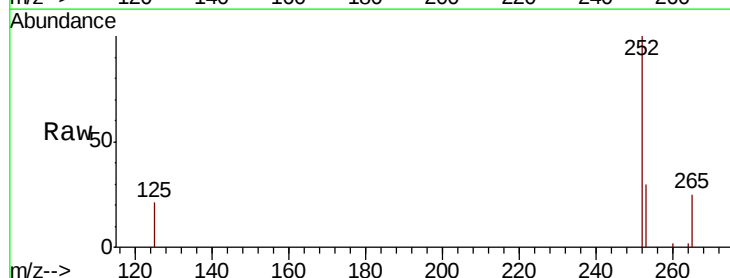
Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

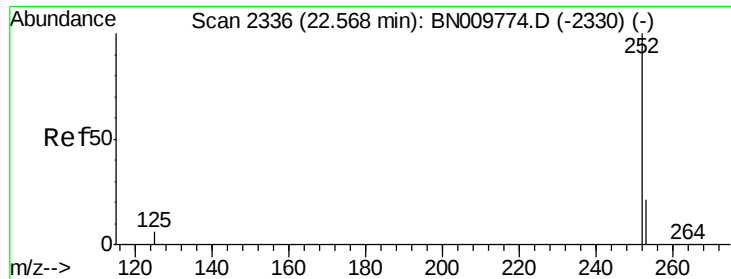
Tot Ion:264 Resp: 3898
Ion Ratio Lower Upper
264 100
260 25.1 21.1 31.7
265 63.2 57.5 86.3



#35
Benzo(b)fluoranthene
Concen: 0.335 ng
RT: 22.48 min Scan# 2309
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:252 Resp: 4778
Ion Ratio Lower Upper
252 100
253 30.1 23.0 34.6
125 20.9 14.4 21.6

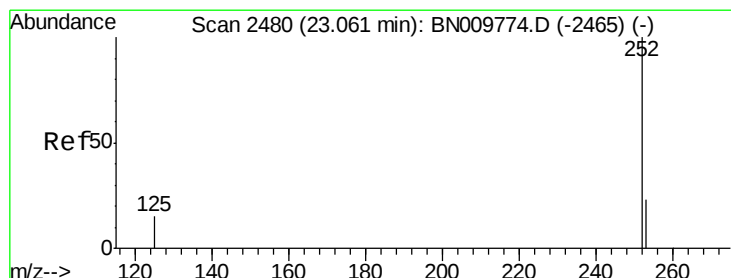
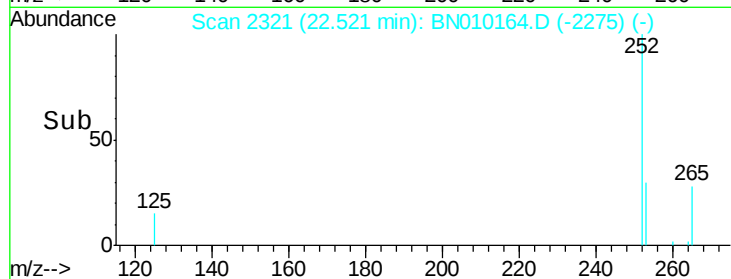
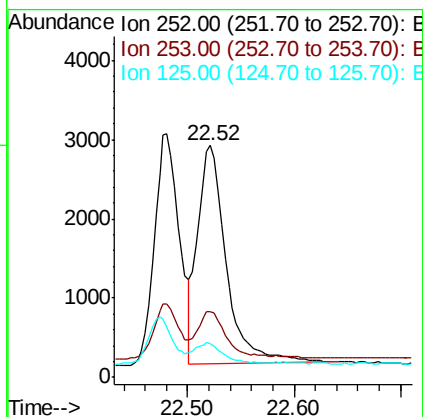
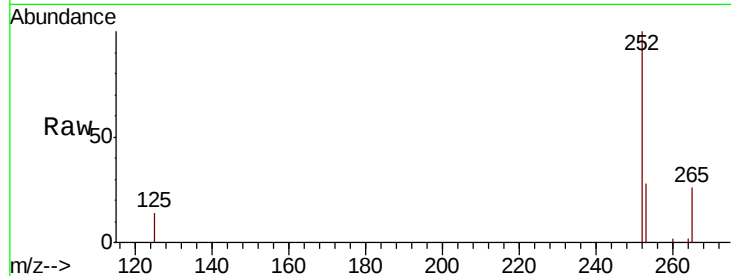




#36
Benzo(k)fluoranthene
Concen: 0.333 ng
RT: 22.52 min Scan# 2321
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

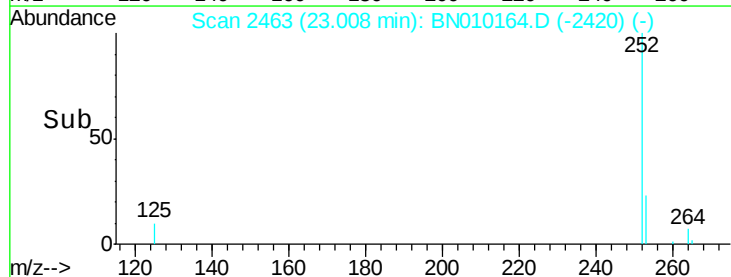
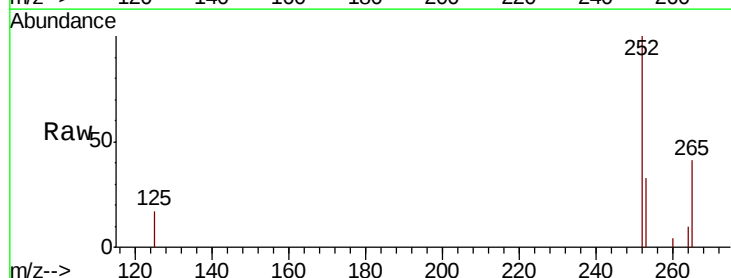
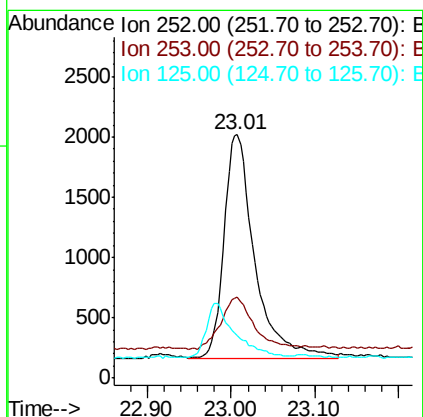
Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

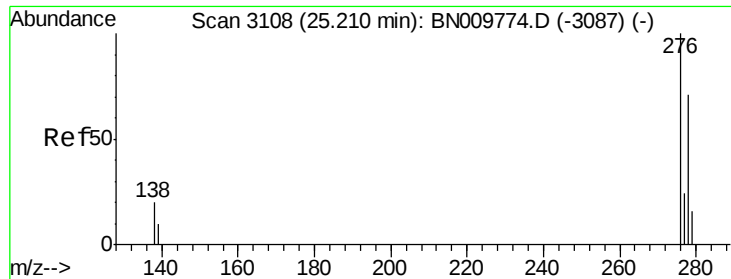
Tot Ion:252 Resp: 5169
Ion Ratio Lower Upper
252 100
253 28.1 22.2 33.2
125 14.4 10.5 15.7



#37
Benzo(a)pyrene
Concen: 0.363 ng
RT: 23.01 min Scan# 2463
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:252 Resp: 4715
Ion Ratio Lower Upper
252 100
253 33.5 25.3 37.9
125 17.3 17.7 26.5#





#38

Dibenzo(a,h)anthracene

Concen: 0.343 ng

RT: 25.14 min Scan# 3085

Delta R.T. -0.07 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MS

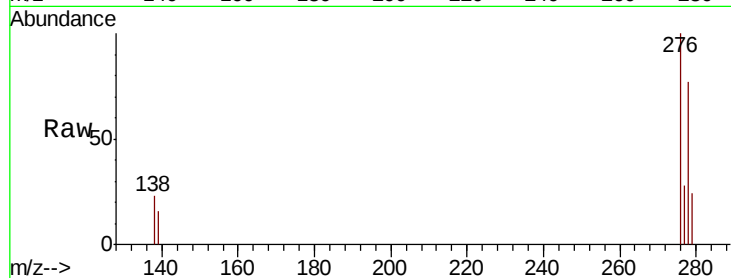
Tot Ion:278 Resp: 4390

Ion Ratio Lower Upper

278 100

139 20.2 14.5 21.7

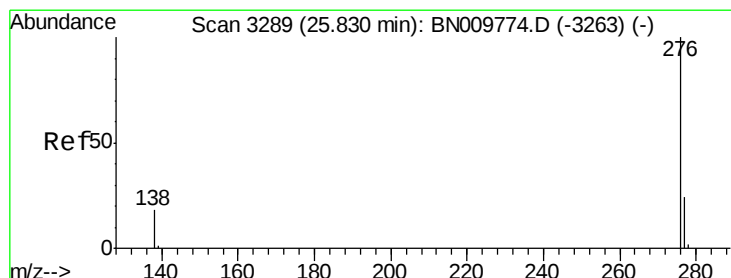
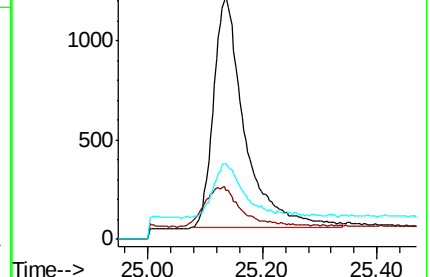
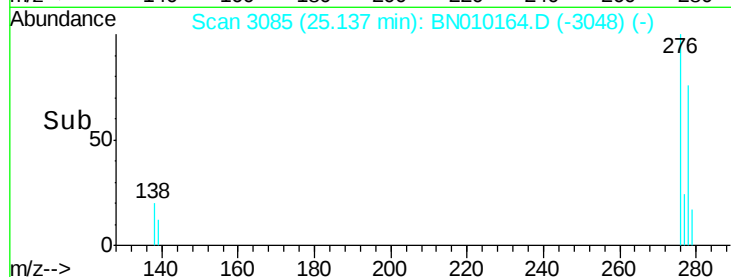
279 31.0 24.3 36.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.348 ng

RT: 25.75 min Scan# 3265

Delta R.T. -0.08 min

Lab File: BN010164.D

Acq: 10 Mar 2020 16:44

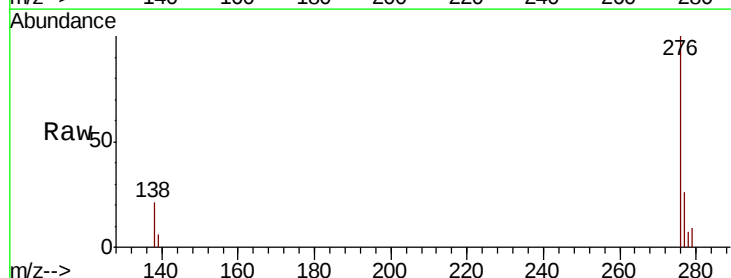
Tgt Ion:276 Resp: 4751

Ion Ratio Lower Upper

276 100

277 26.3 21.4 32.0

138 20.9 16.6 24.8



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

