

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
 Data File : BN010904.D
 Acq On : 16 Jun 2020 13:29
 Operator : CG/JU
 Sample : L2993-04MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SS043MW014-200610MS

Quant Time: Jun 16 14:00:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2328	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8483	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	5017	0.40	ng	-0.01
19) Phenanthrene-d10	16.91	188	10269	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	10051	0.40	ng	-0.01
34) Perylene-d12	23.27	264	10633	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	815	0.18	ng	0.00
5) Phenol-d6	6.74	99	555	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2184	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4169	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	592	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.79	172	7021	0.35	ng	0.00
25) Fluoranthene-d10	18.95	212	10331	0.36	ng	0.00
29) Terphenyl-d14	19.57	244	9549	0.41	ng	0.00

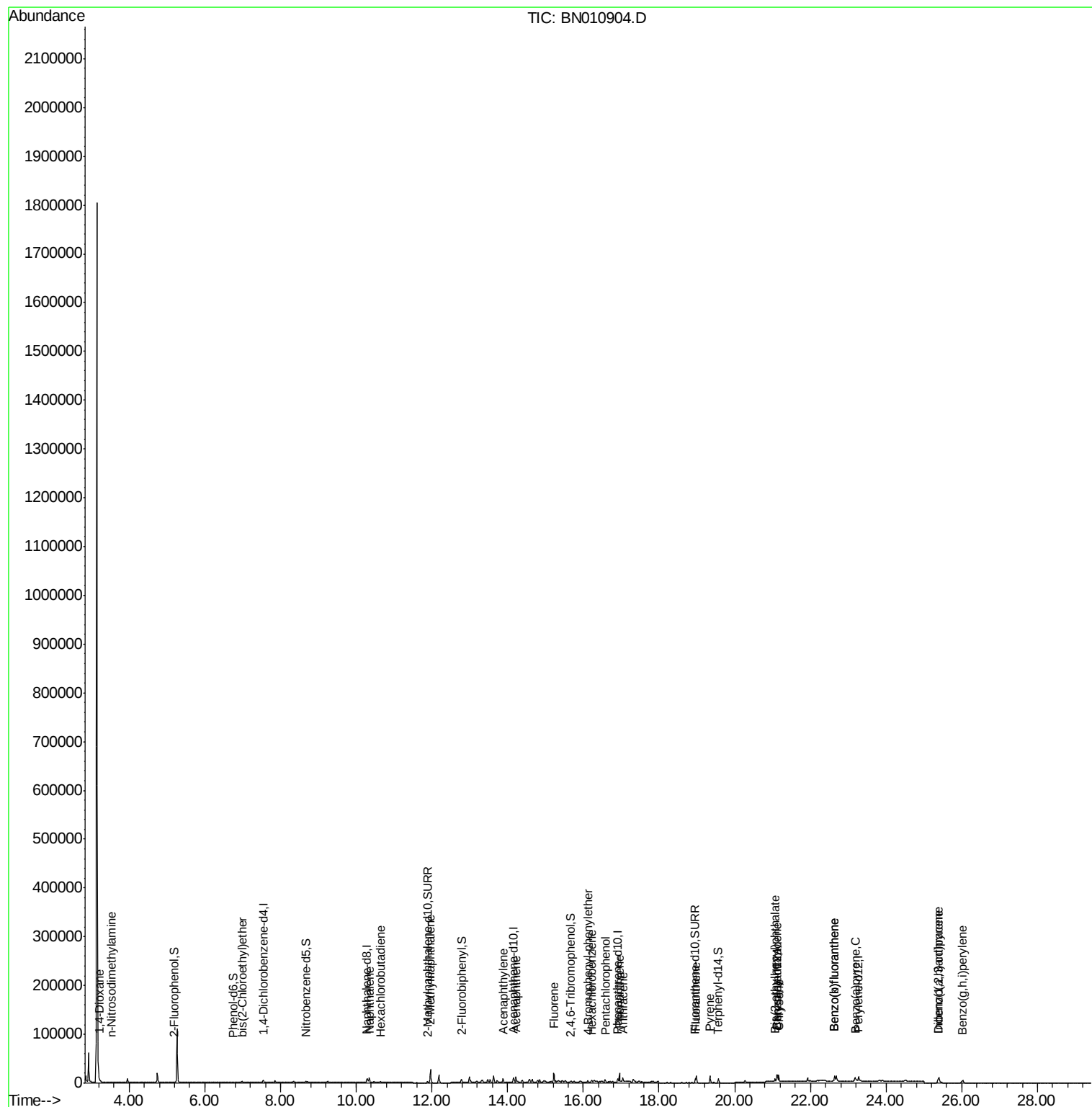
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	793	0.348	ng	# 92
3) n-Nitrosodimethylamine	3.52	42	545	0.411	ng	# 86
6) bis(2-Chloroethyl)ether	6.99	93	2227	0.431	ng	93
9) Naphthalene	10.34	128	12666	0.594	ng	99
10) Hexachlorobutadiene	10.63	225	1699	0.322	ng	# 99
12) 2-Methylnaphthalene	11.96	142	20132	1.411	ng	98
16) Acenaphthylene	13.88	152	7470	0.363	ng	# 95
17) Acenaphthene	14.22	154	5212	0.372	ng	95
18) Fluorene	15.22	166	8337	0.461	ng	# 90
20) 4-Bromophenyl-phenylether	16.11	248	1993	0.323	ng	# 78
21) Hexachlorobenzene	16.23	284	2103	0.327	ng	98
22) Pentachlorophenol	16.58	266	2415	1.118	ng	94
23) Phenanthrene	16.95	178	18514	0.660	ng	99
24) Anthracene	17.05	178	8804	0.376	ng	98
26) Fluoranthene	18.98	202	12240	0.384	ng	# 98
28) Pyrene	19.35	202	13057	0.393	ng	97
30) Benzo(a)anthracene	21.11	228	10819	0.366	ng	99
31) Chrysene	21.16	228	11922	0.346	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	4970	0.505	ng	98
33) Indeno(1,2,3-cd)pyrene	25.38	276	13919	0.362	ng	# 93
35) Benzo(b)fluoranthene	22.64	252	11656	0.322	ng	98
36) Benzo(k)fluoranthene	22.64	252	11656	0.303	ng	98
37) Benzo(a)pyrene	23.18	252	10163	0.328	ng	97
38) Dibenzo(a,h)anthracene	25.40	278	11459	0.324	ng	97
39) Benzo(g,h,i)perylene	26.02	276	12232	0.331	ng	97

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

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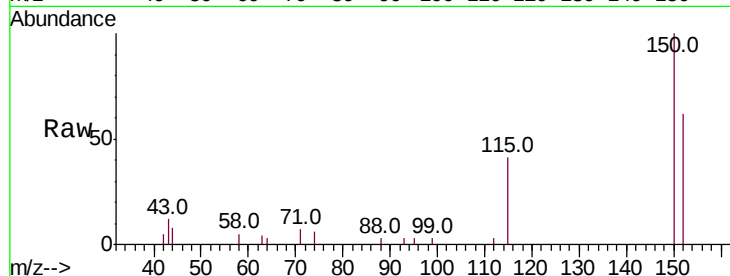


#1

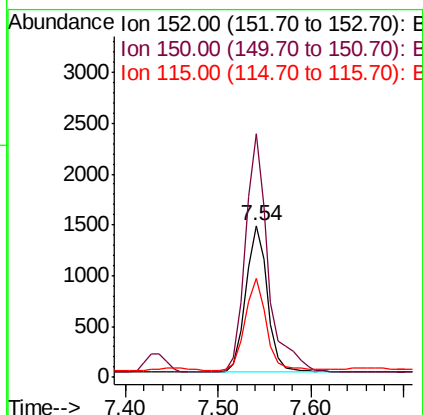
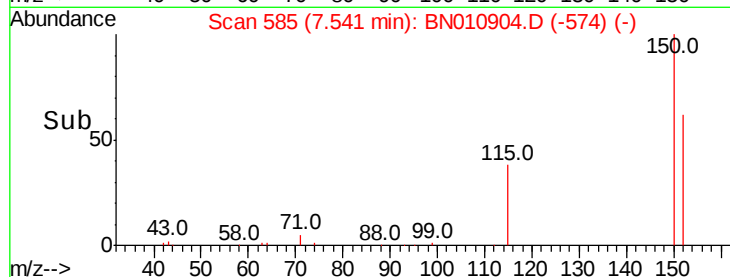
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tot Ion:152 Resp: 2328
Ion Ratio Lower Upper
152 100
150 160.4 123.8 185.6
115 65.1 49.2 73.8



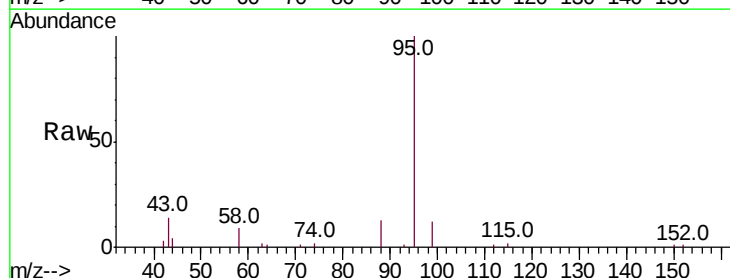
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



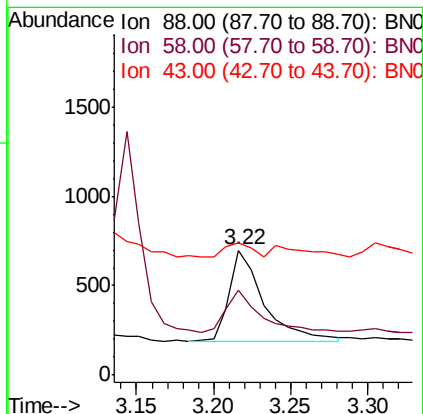
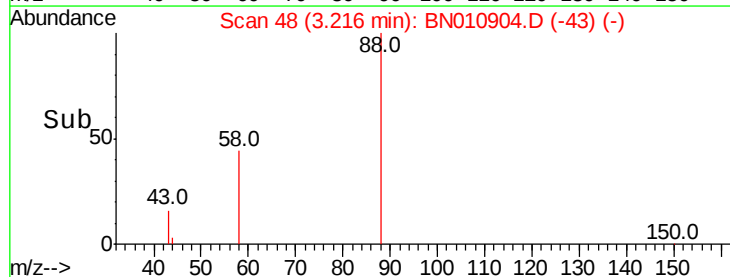
#2

1,4-Dioxane
Concen: 0.348 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion: 88 Resp: 793
Ion Ratio Lower Upper
88 100
58 44.1 38.2 57.4
43 12.2 15.1 22.7#



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: 0.411 ng

RT: 3.52 min Scan# 86

Delta R.T. -0.02 min

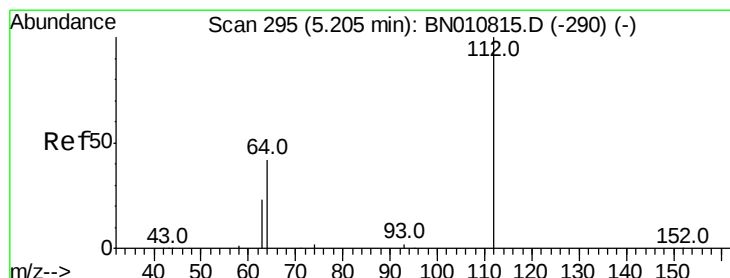
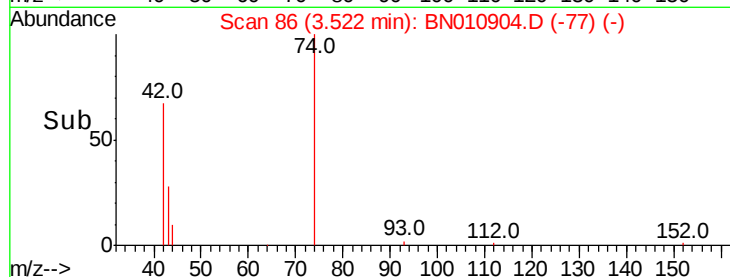
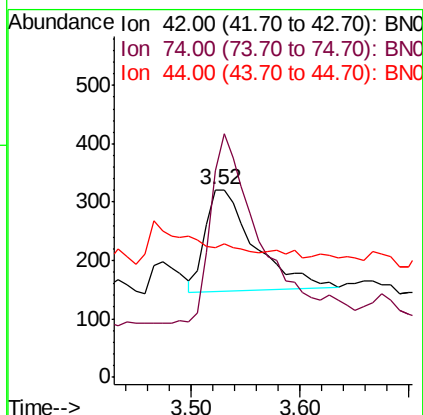
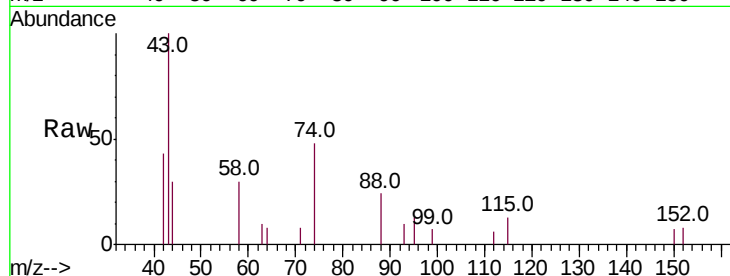
Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
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Tot Ion: 42 Resp: 545

Ion	Ratio	Lower	Upper
42	100		
74	195.6	140.7	211.1
44	0.0	1.4	2.2#



#4

2-Fluorophenol

Concen: 0.181 ng

RT: 5.19 min Scan# 293

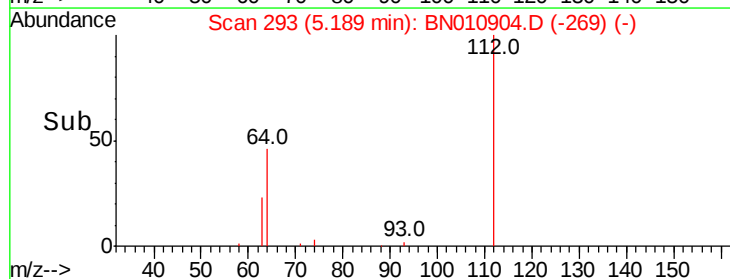
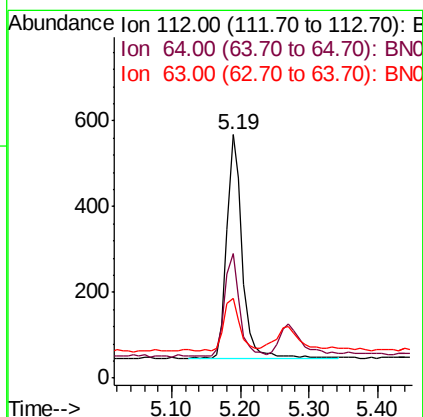
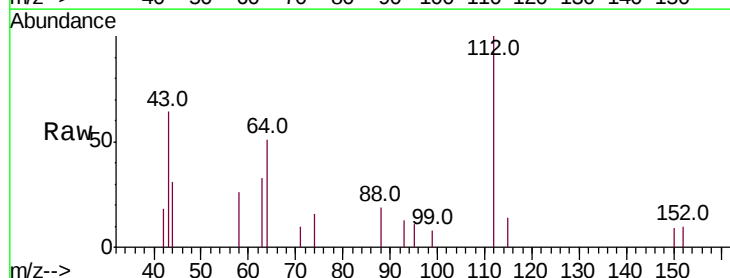
Delta R.T. -0.01 min

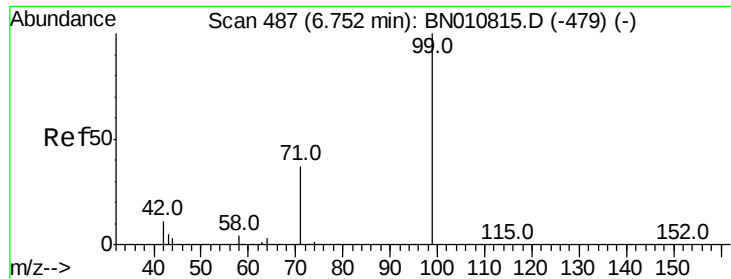
Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Tgt Ion: 112 Resp: 815

Ion	Ratio	Lower	Upper
112	100		
64	44.4	37.4	56.0
63	24.0	22.2	33.4





#5

Phenol-d6

Concen: 0.105 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

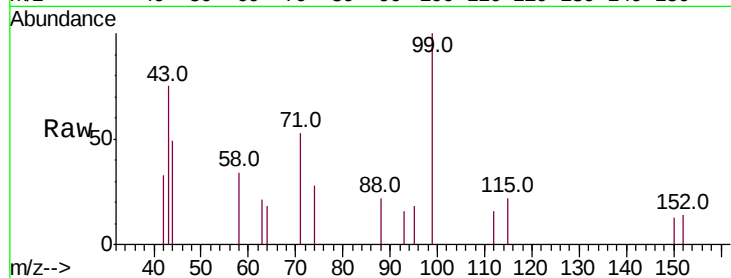
Tot Ion: 99 Resp: 555

Ion Ratio Lower Upper

99 100

42 19.3 11.1 16.7#

71 49.4 31.4 47.2#



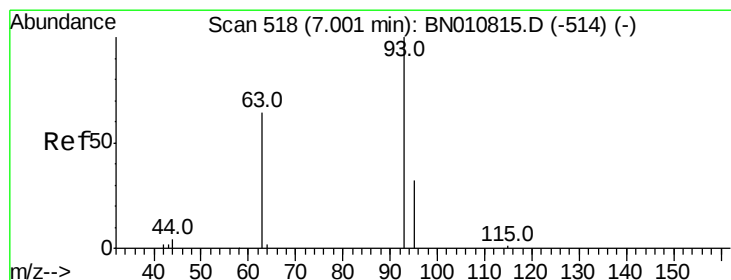
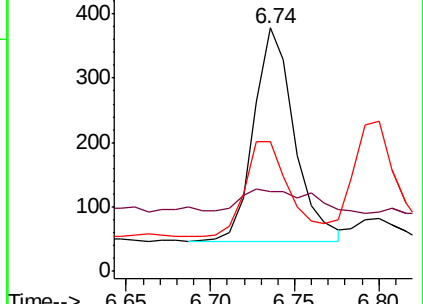
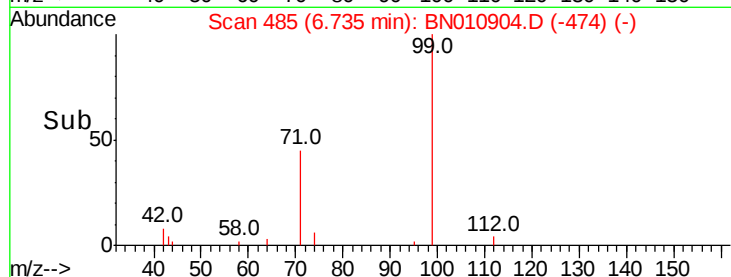
Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)

Time-->

6.65 6.70 6.75 6.80



#6

bis(2-Chloroethyl)ether

Concen: 0.431 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

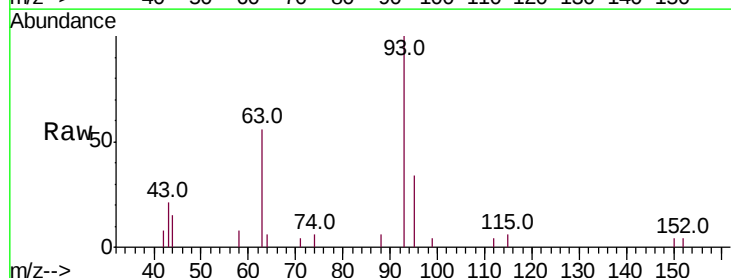
Tgt Ion: 93 Resp: 2227

Ion Ratio Lower Upper

93 100

63 54.2 49.4 74.2

95 32.1 26.7 40.1



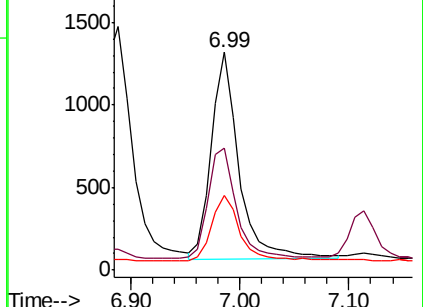
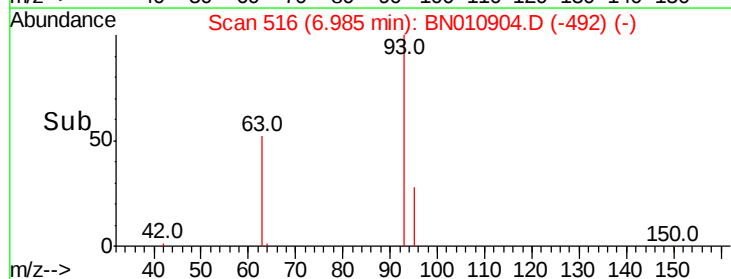
Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

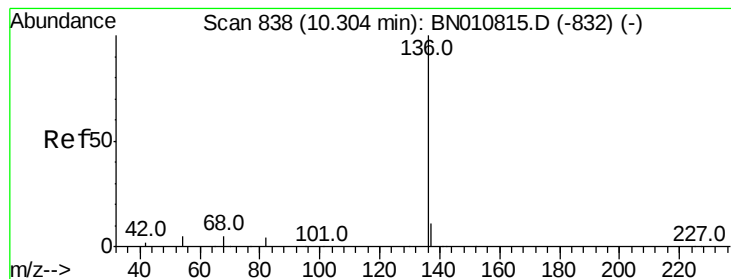
Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)

Time-->

6.90 7.00 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

Tot Ion:136 Resp: 8483

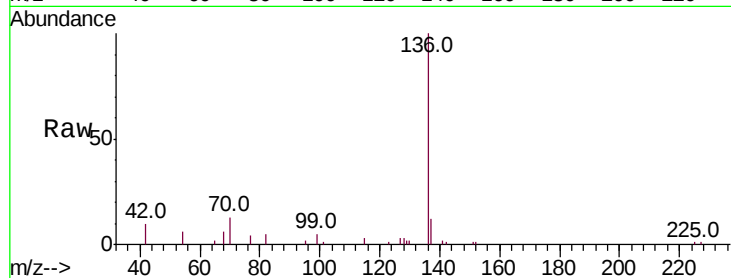
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 5.9 4.9 7.3

68 6.3 4.7 7.1

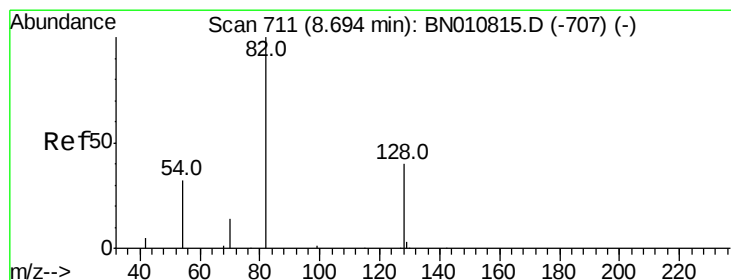
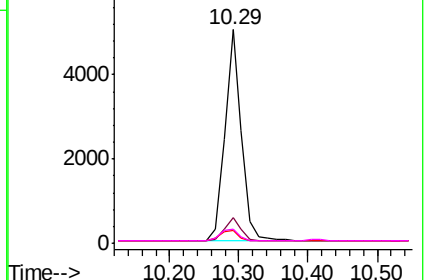
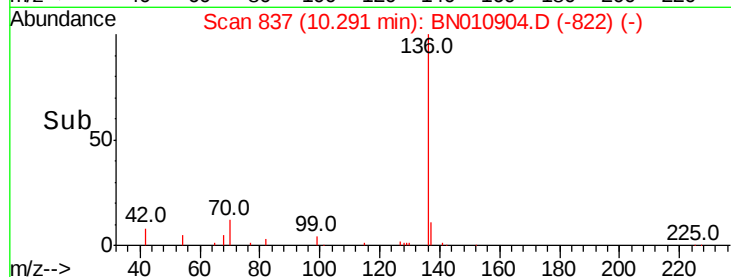


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

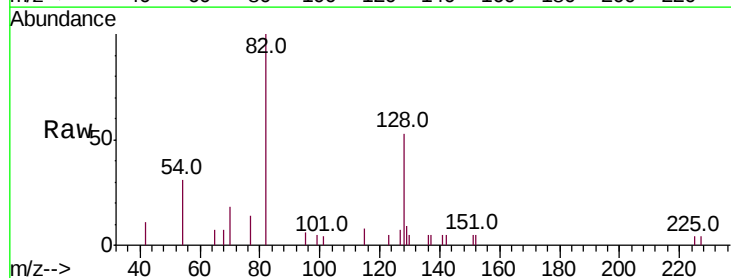
Tgt Ion: 82 Resp: 2184

Ion Ratio Lower Upper

82 100

128 52.8 35.4 53.0

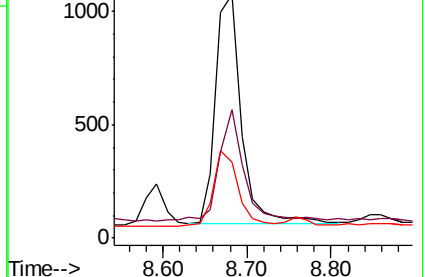
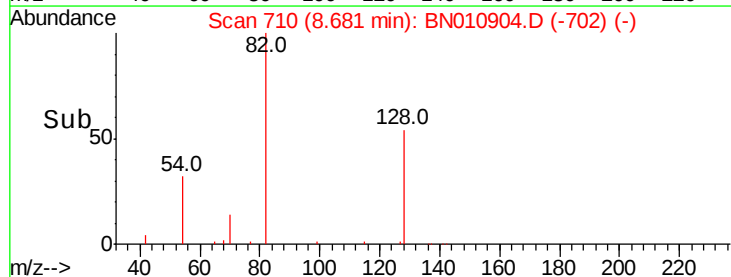
54 31.5 28.2 42.4

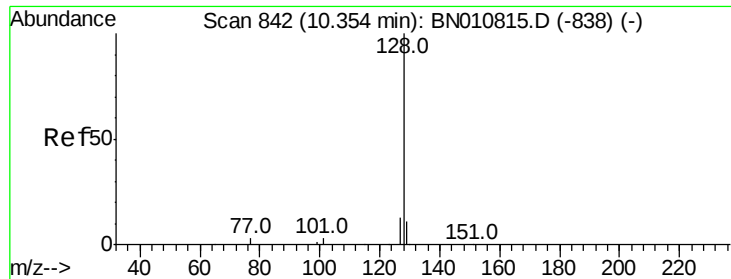


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.594 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

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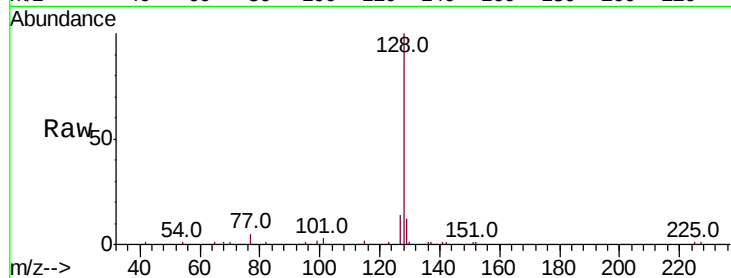
Tot Ion:128 Resp: 12666

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

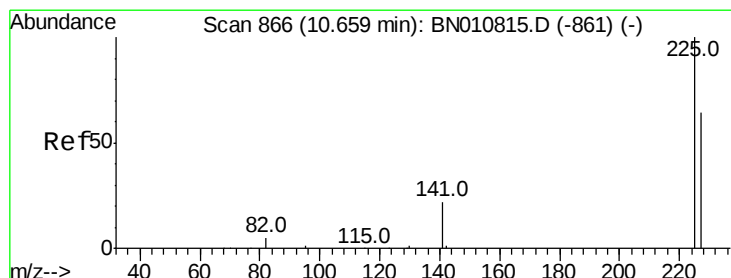
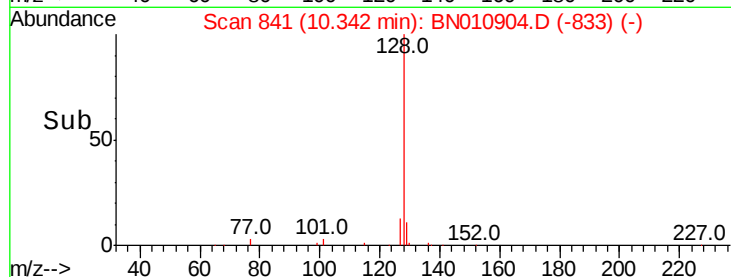
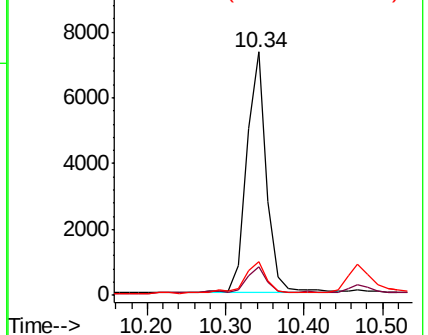
127 13.7 11.4 17.2



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: 0.322 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

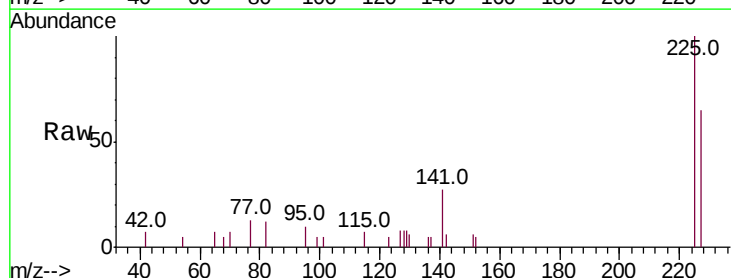
Tgt Ion:225 Resp: 1699

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

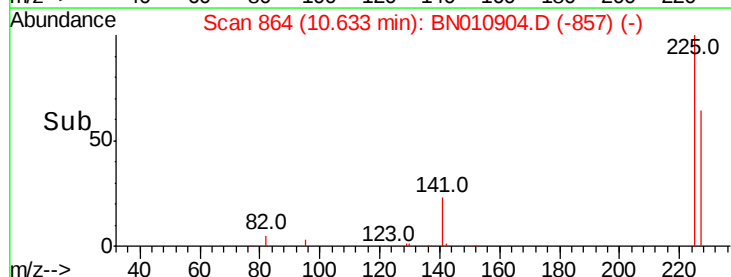
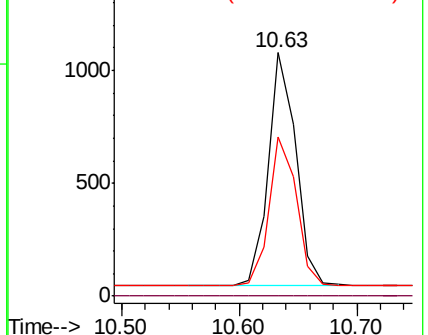
227 63.9 50.5 75.7

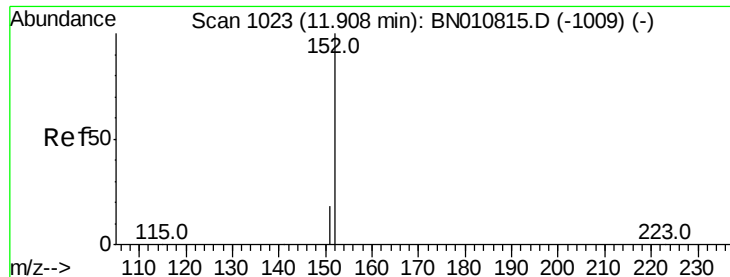


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 11.89 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

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ClientSampleId :

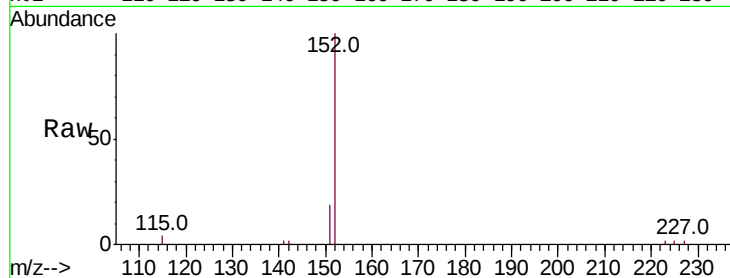
SS043MW014-200610MS

Tot Ion:152 Resp: 4169

Ion Ratio Lower Upper

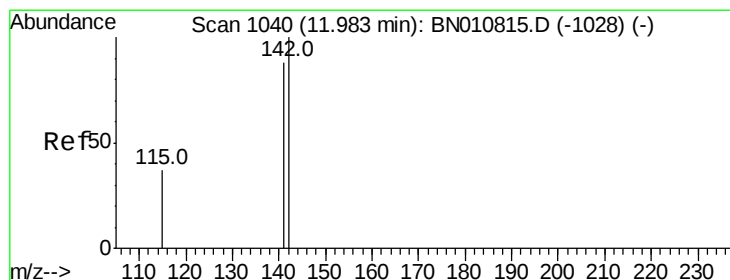
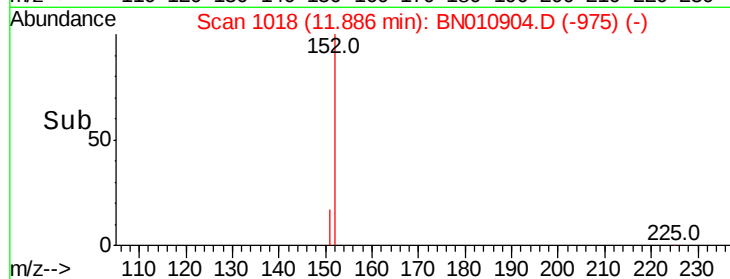
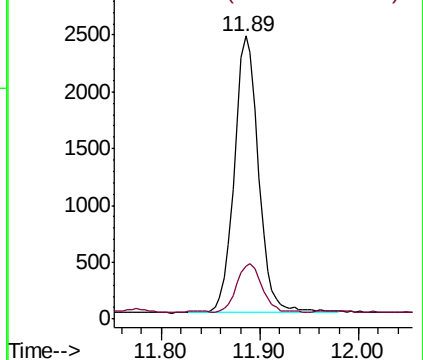
152 100

151 18.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 1.411 ng

RT: 11.96 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

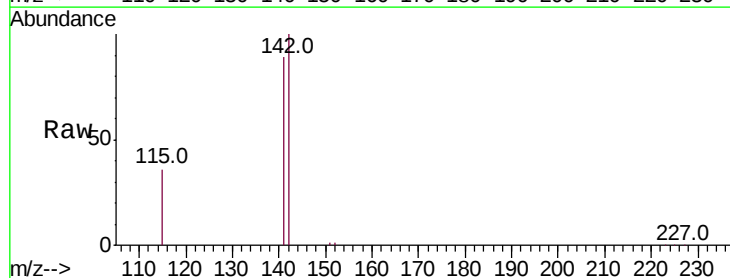
Tgt Ion:142 Resp: 20132

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2

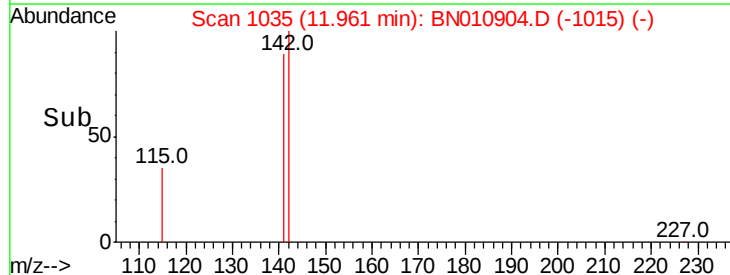
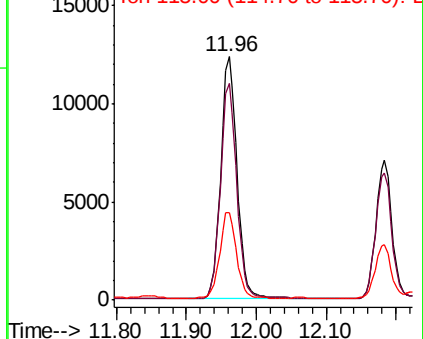
115 36.0 31.5 47.3

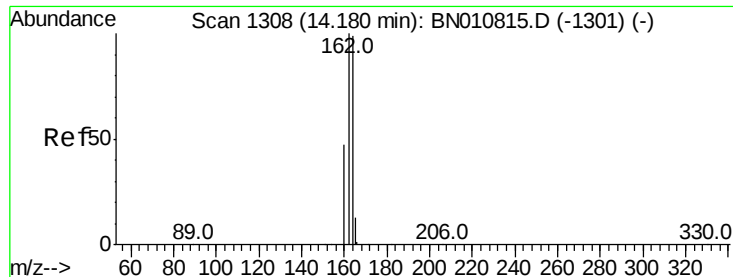


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN010904.D

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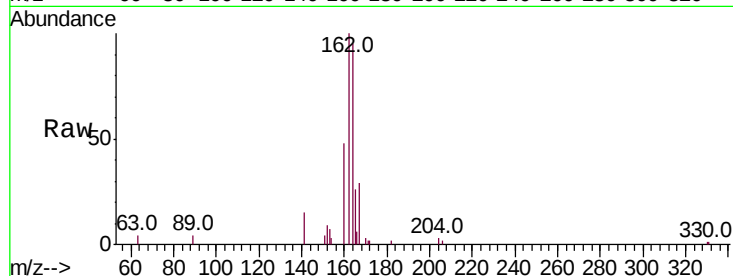
Tot Ion:164 Resp: 5017

Ion Ratio Lower Upper

164 100

162 105.0 81.0 121.6

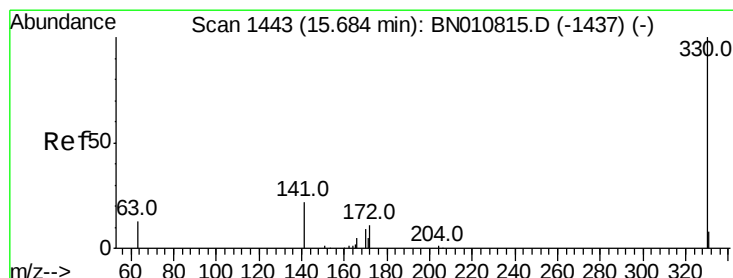
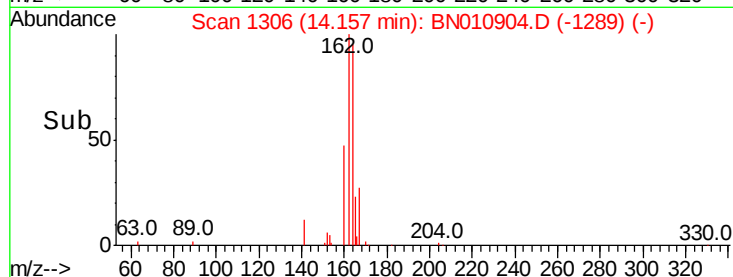
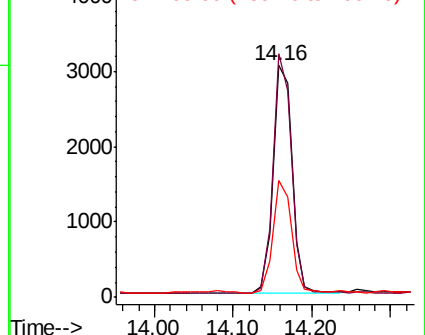
160 50.2 38.9 58.3



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: 0.330 ng

RT: 15.66 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

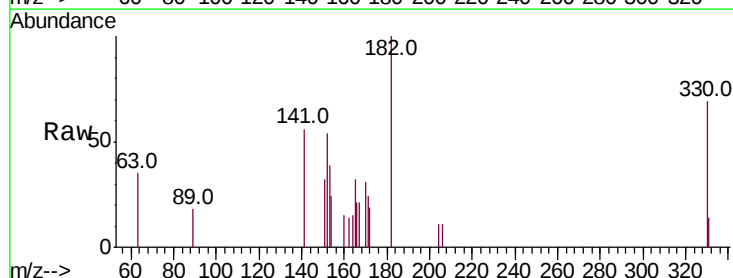
Tgt Ion:330 Resp: 592

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

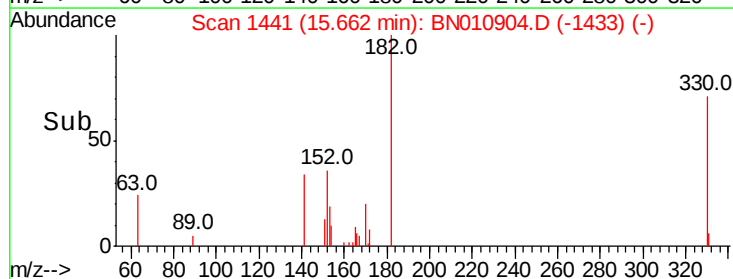
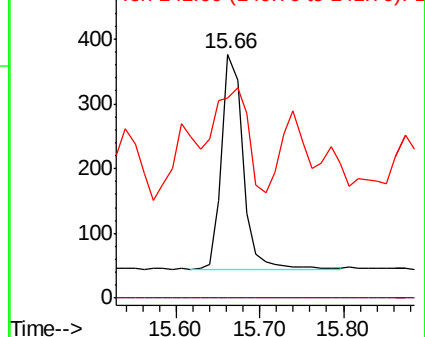
141 75.5 33.2 49.8#



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

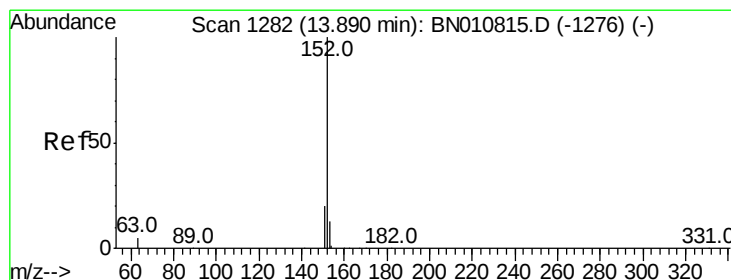
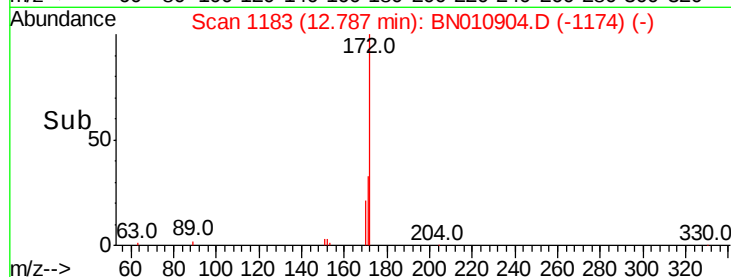
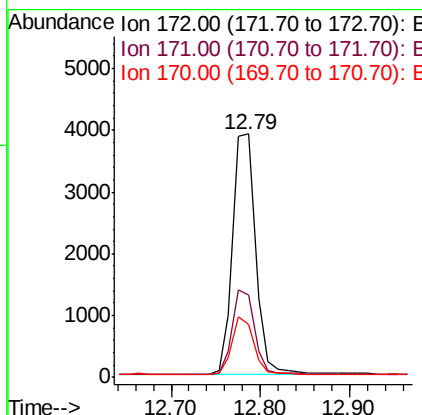
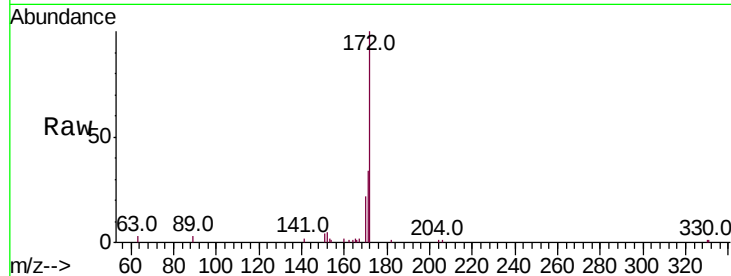




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

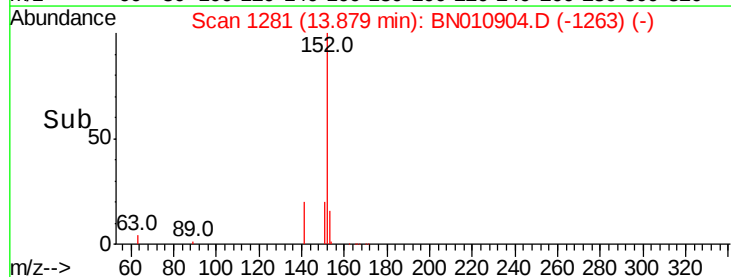
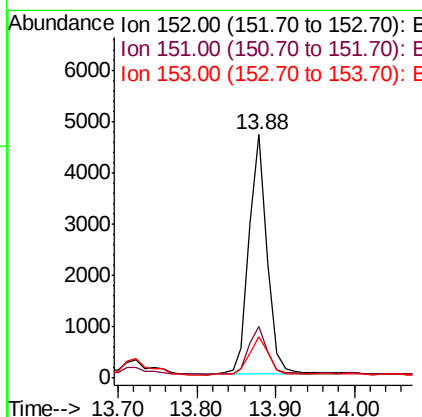
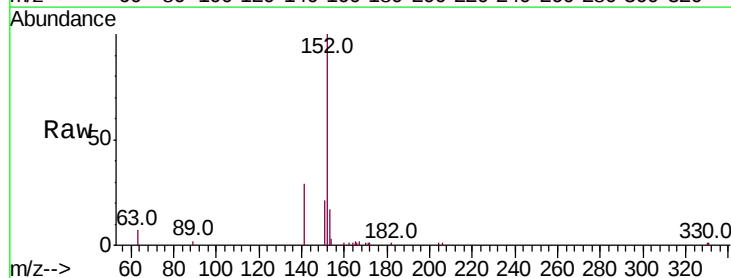
Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

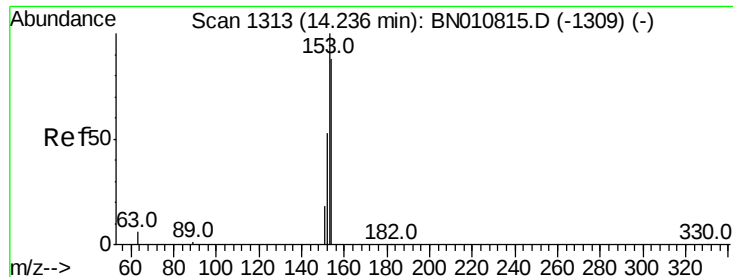
Tot Ion:172 Resp: 7021
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 21.8 19.7 29.5



#16
Acenaphthylene
Concen: 0.363 ng
RT: 13.88 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:152 Resp: 7470
Ion Ratio Lower Upper
152 100
151 20.8 15.6 23.4
153 16.6 10.6 16.0#





#17

Acenaphthene

Concen: 0.372 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

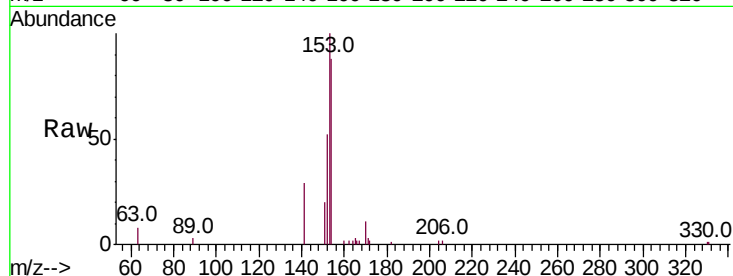
Tot Ion:154 Resp: 5212

Ion Ratio Lower Upper

154 100

153 119.3 91.8 137.6

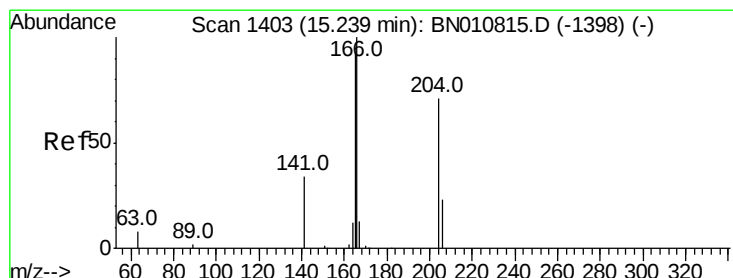
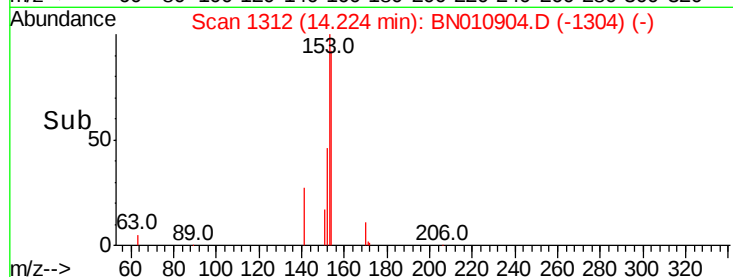
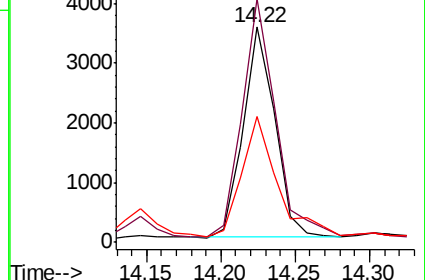
152 65.3 47.6 71.4



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: 0.461 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

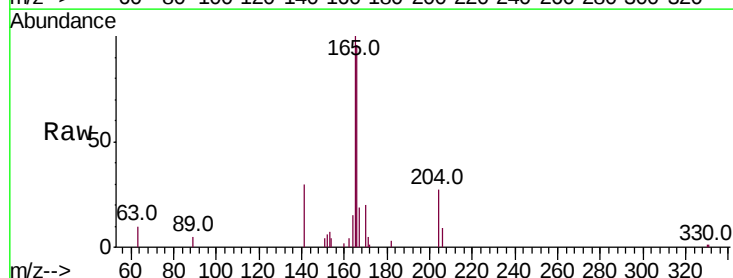
Tgt Ion:166 Resp: 8337

Ion Ratio Lower Upper

166 100

165 106.1 77.2 115.8

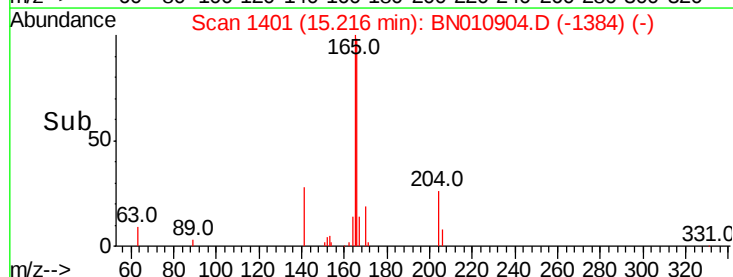
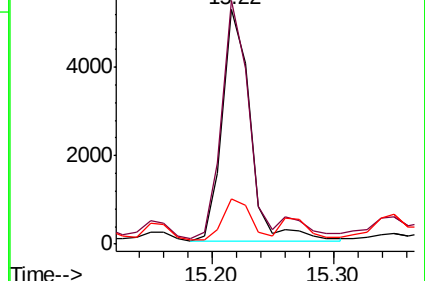
167 18.5 10.7 16.1#

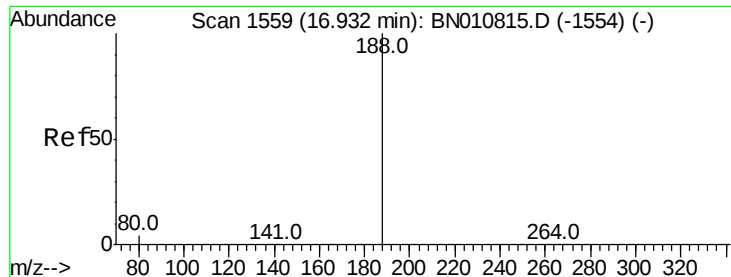


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.91 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

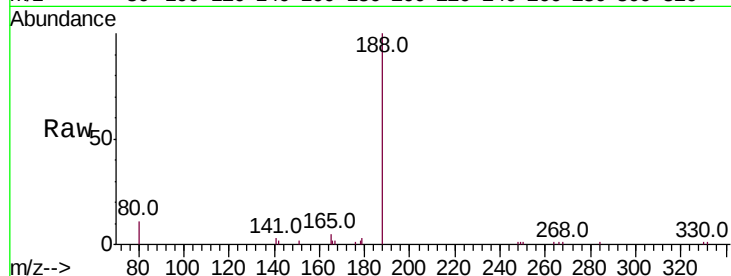
Tot Ion:188 Resp: 10269

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

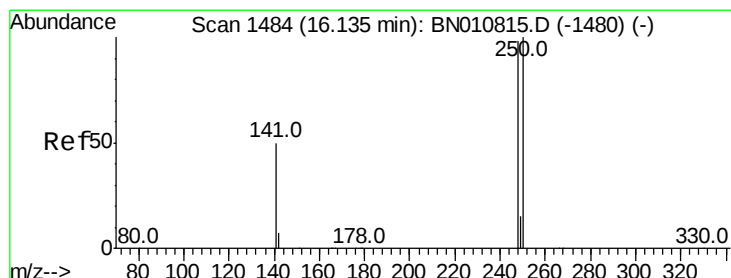
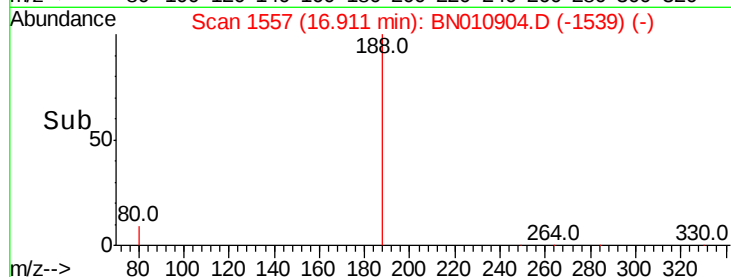
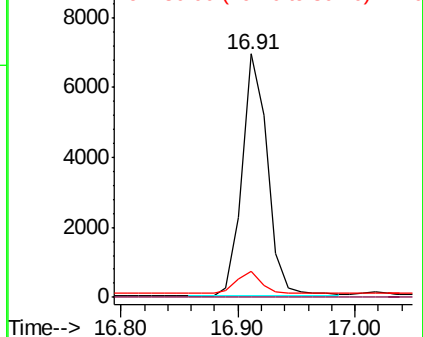
80 10.5 4.5 6.7#



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: 0.323 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

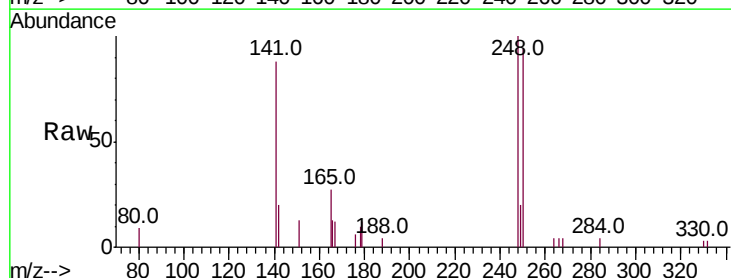
Tgt Ion:248 Resp: 1993

Ion Ratio Lower Upper

248 100

250 93.9 81.8 122.8

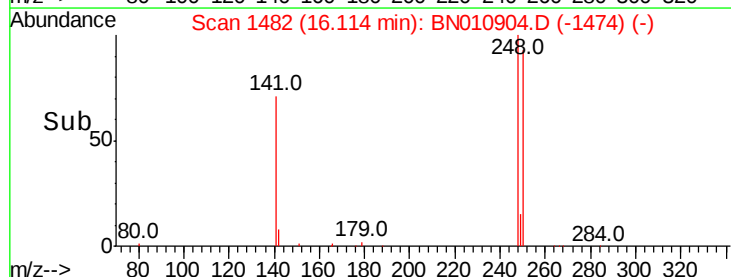
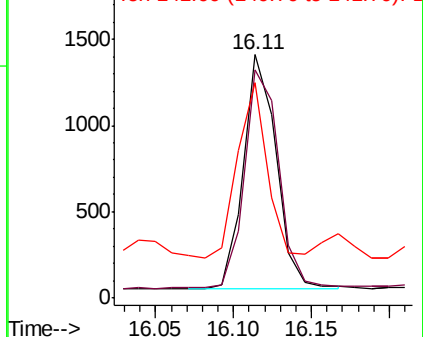
141 88.4 42.6 64.0#

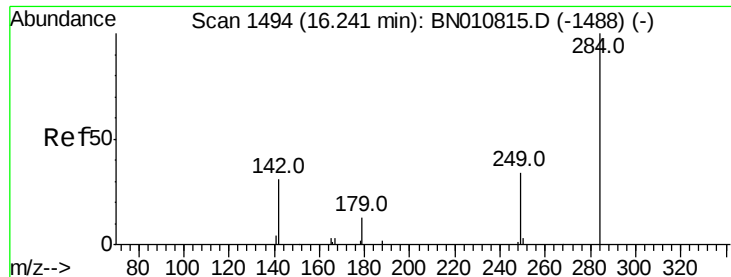


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

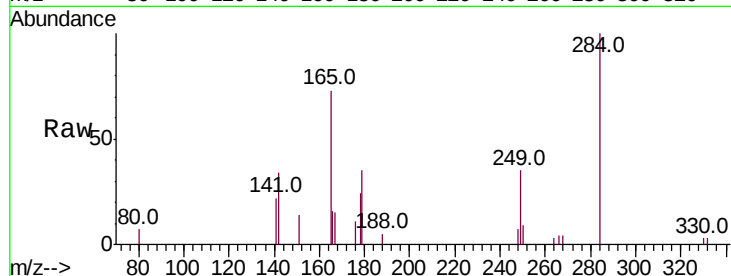




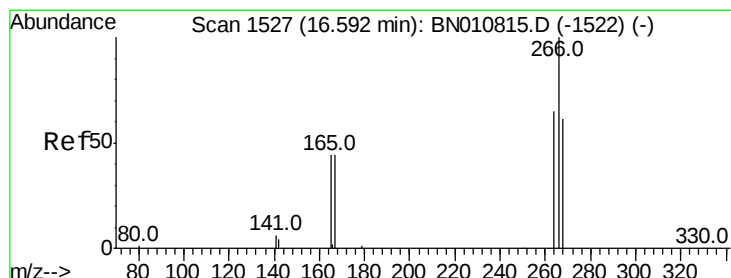
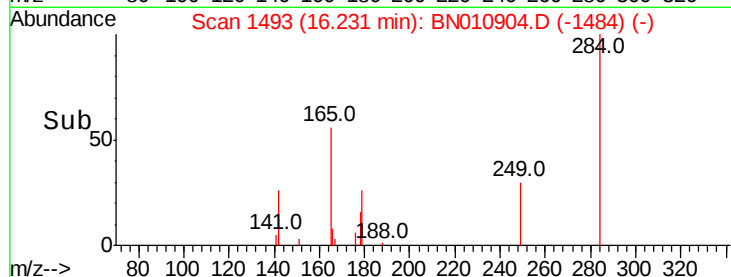
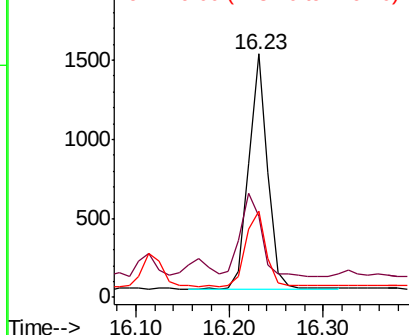
#21
Hexachlorobenzene
Concen: 0.327 ng
RT: 16.23 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MS

Tot Ion:284 Resp: 2103
Ion Ratio Lower Upper
284 100
142 39.8 31.0 46.4
249 34.6 27.1 40.7

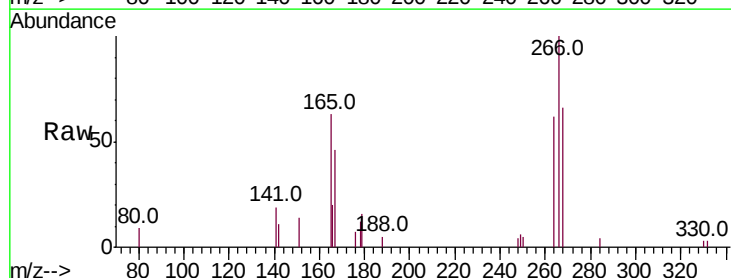


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

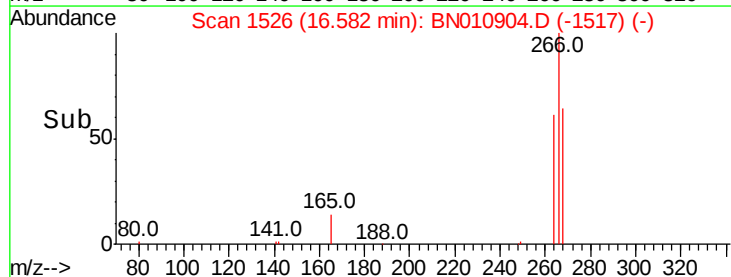
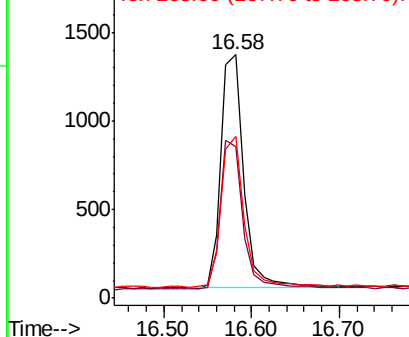


#22
Pentachlorophenol
Concen: 1.118 ng
RT: 16.58 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BN010904.D
Acq: 16 Jun 2020 13:29

Tgt Ion:266 Resp: 2415
Ion Ratio Lower Upper
266 100
264 62.2 54.8 82.2
268 66.4 55.9 83.9



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: 0.660 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

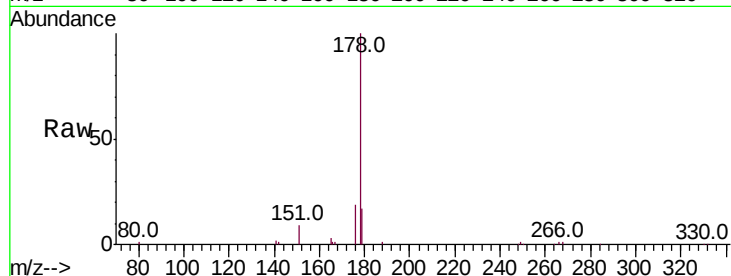
Tot Ion:178 Resp: 18514

Ion Ratio Lower Upper

178 100

176 18.3 15.3 22.9

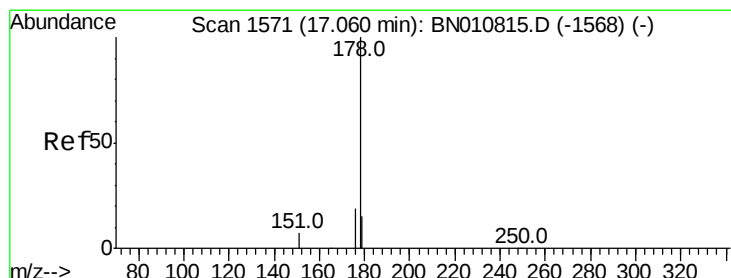
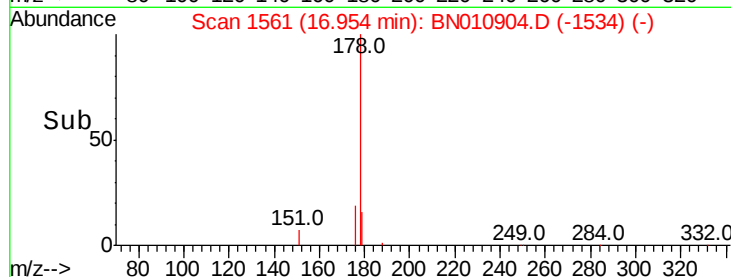
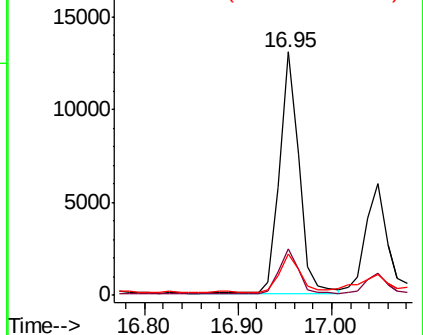
179 15.8 12.6 19.0



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: 0.376 ng

RT: 17.05 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

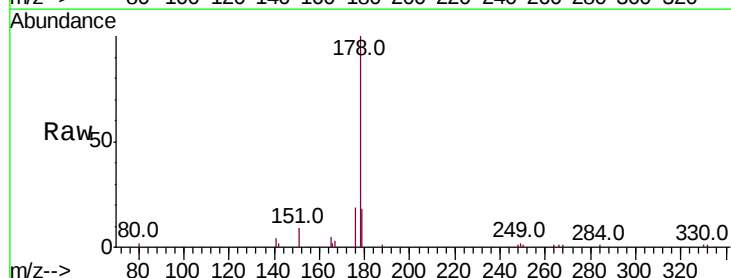
Tgt Ion:178 Resp: 8804

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

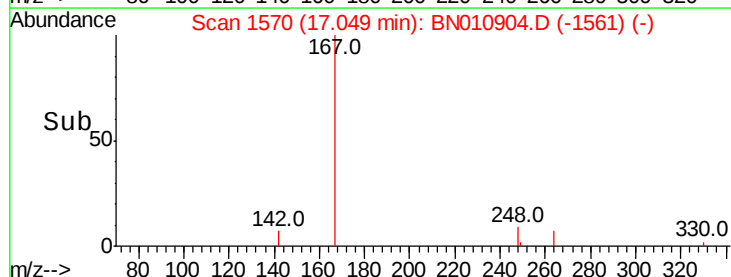
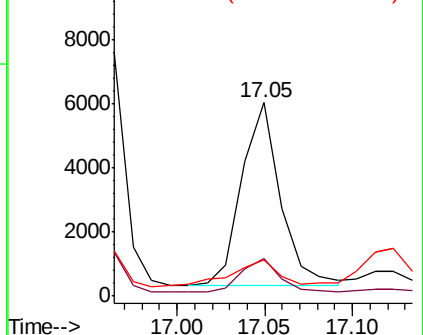
179 17.6 12.3 18.5

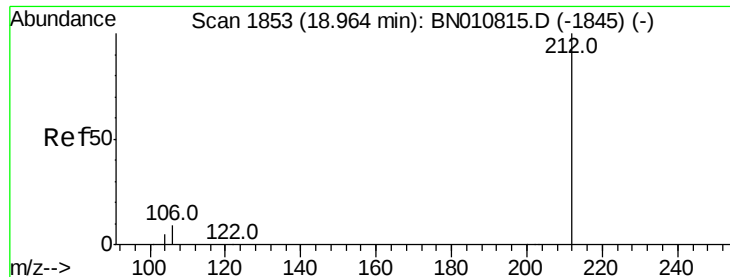


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

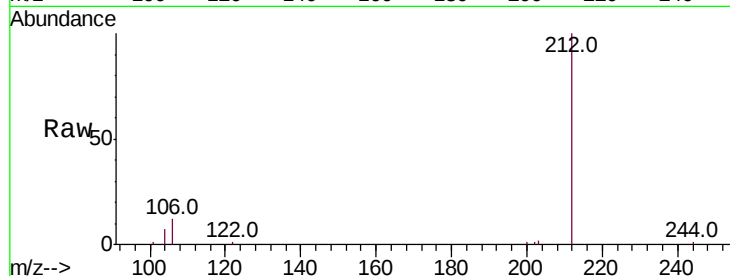
Tot Ion:212 Resp: 10331

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

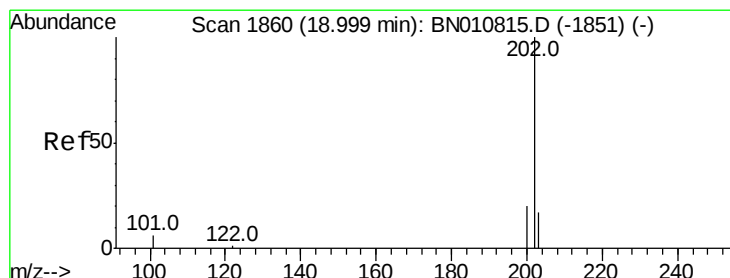
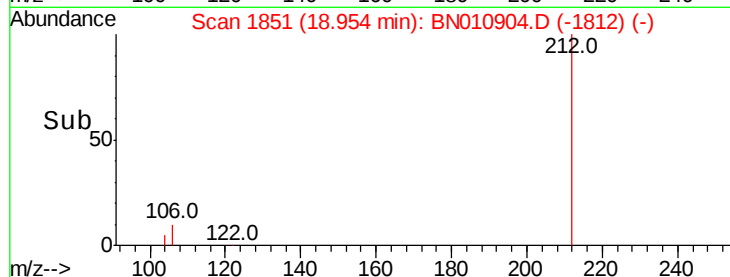
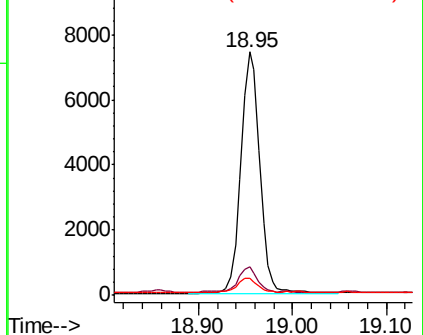
104 6.1 4.0 6.0#



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: 0.384 ng

RT: 18.98 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

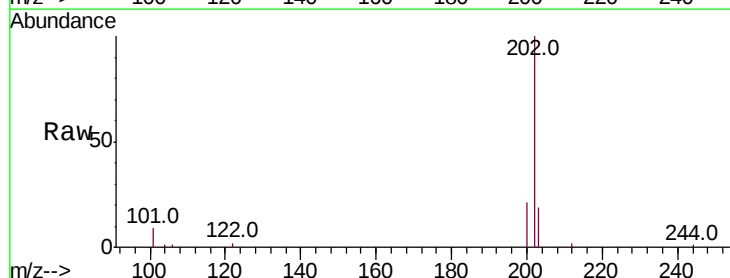
Tgt Ion:202 Resp: 12240

Ion Ratio Lower Upper

202 100

101 8.8 5.8 8.6#

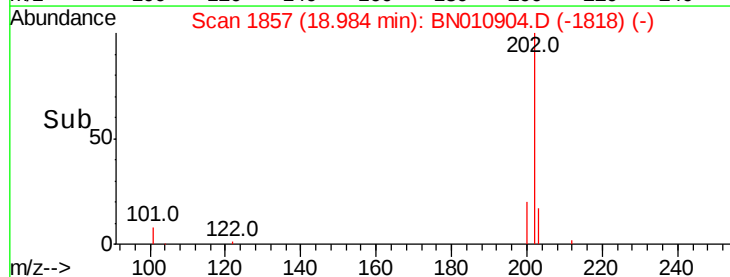
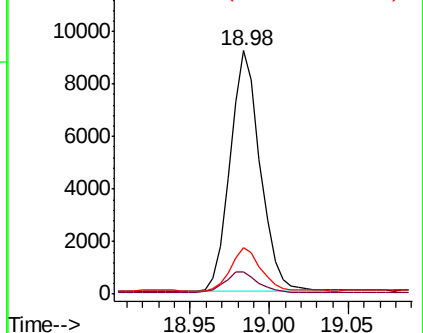
203 17.7 13.7 20.5



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: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

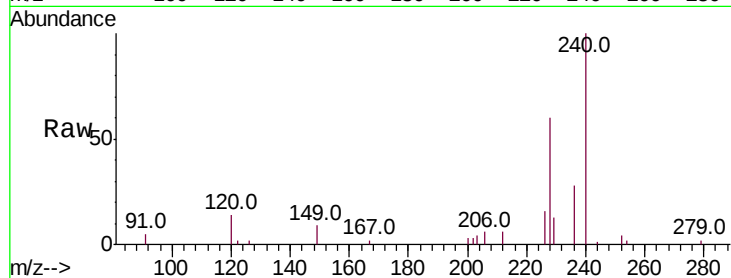
Tot Ion:240 Resp: 10051

Ion Ratio Lower Upper

240 100

120 13.6 7.5 11.3#

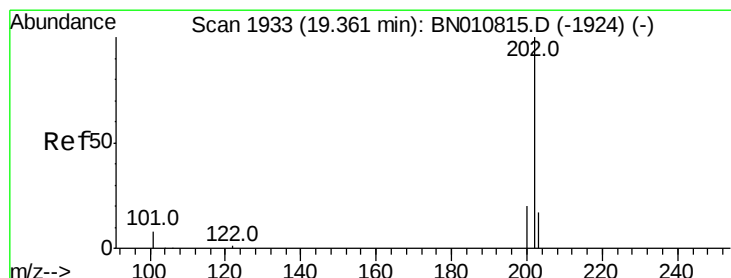
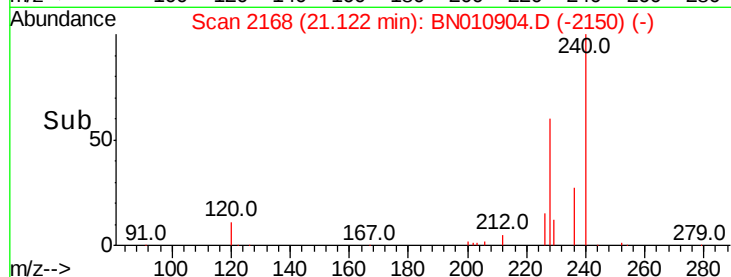
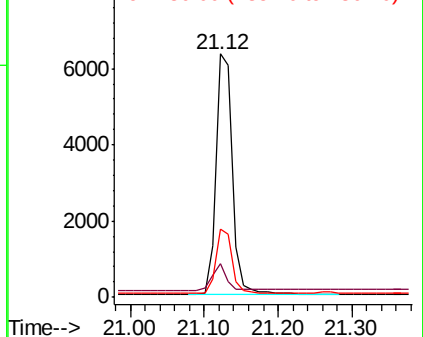
236 27.9 22.3 33.5



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: 0.393 ng

RT: 19.35 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

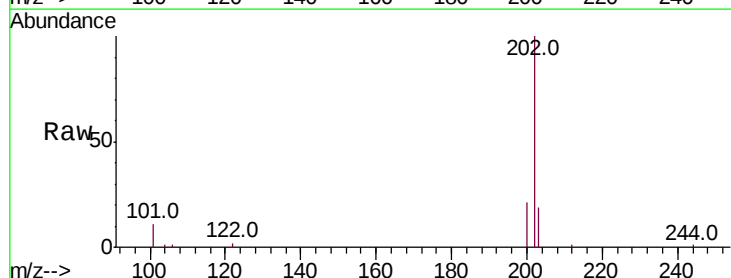
Tgt Ion:202 Resp: 13057

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

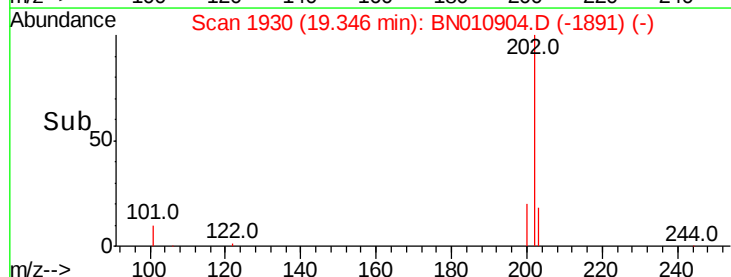
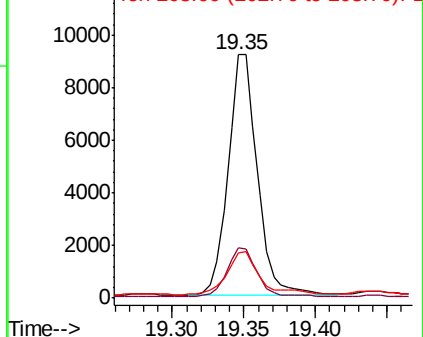
203 20.6 14.2 21.4

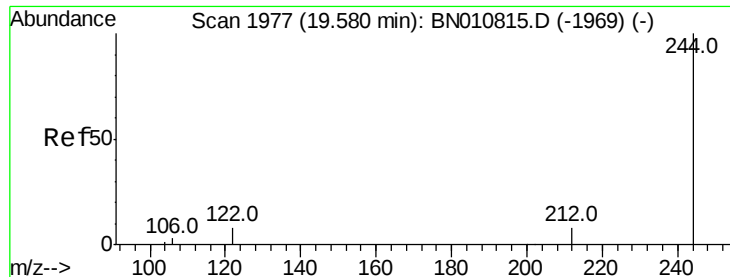


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

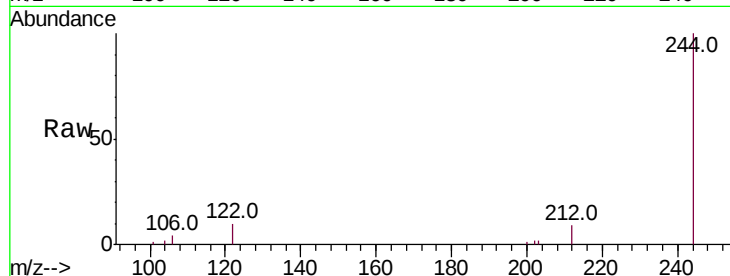
Tot Ion:244 Resp: 9549

Ion Ratio Lower Upper

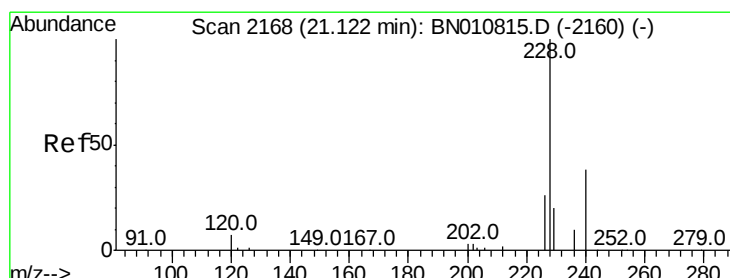
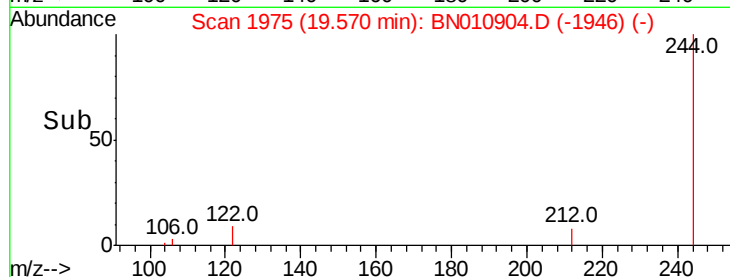
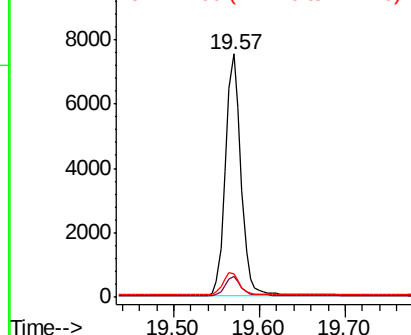
244 100

212 8.5 7.4 11.2

122 9.8 7.5 11.3



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: 0.366 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

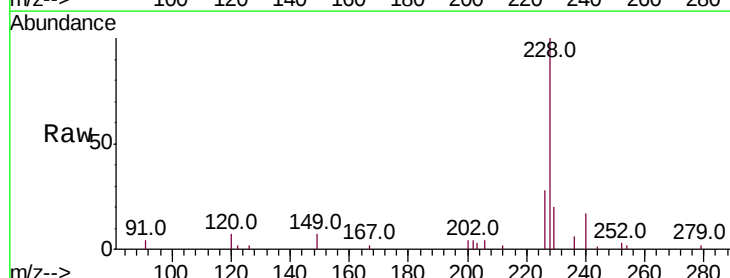
Tgt Ion:228 Resp: 10819

Ion Ratio Lower Upper

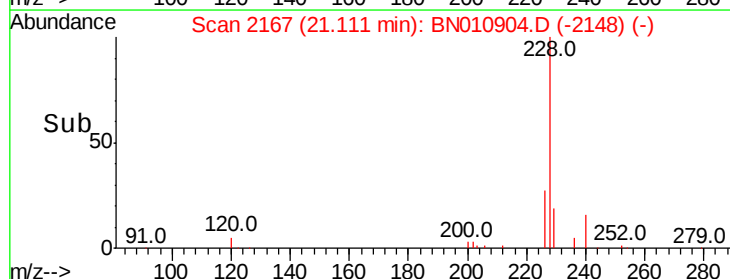
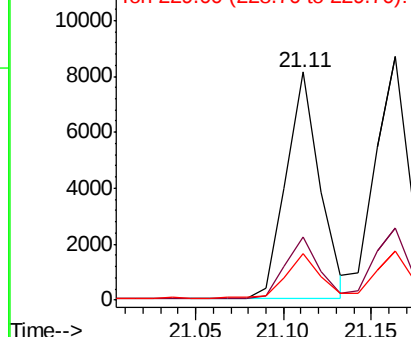
228 100

226 27.6 21.3 31.9

229 20.3 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





#31

Chrysene

Concen: 0.346 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

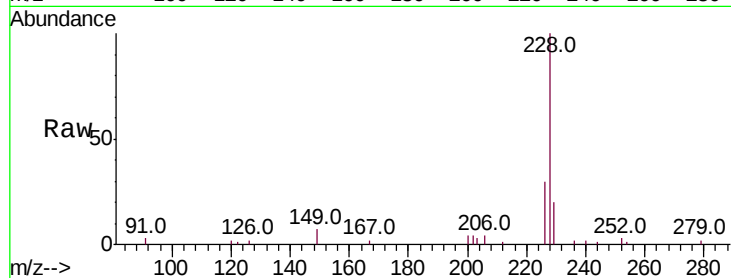
Tot Ion:228 Resp: 11922

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

229 20.3 16.1 24.1

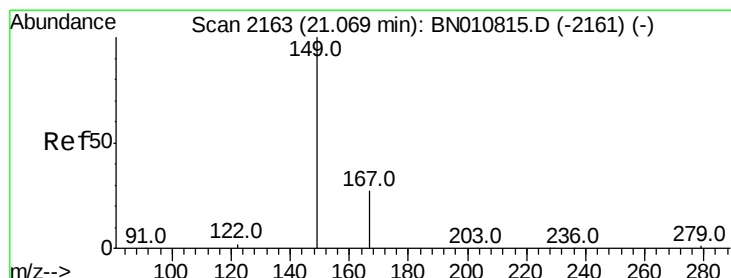
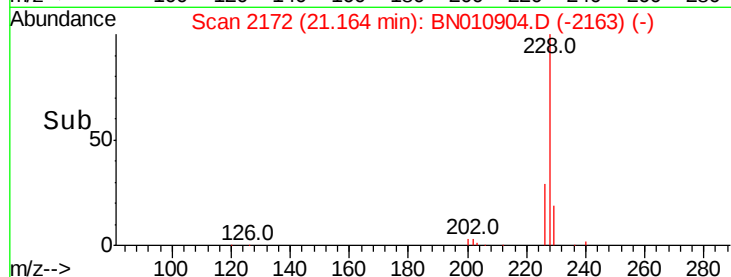
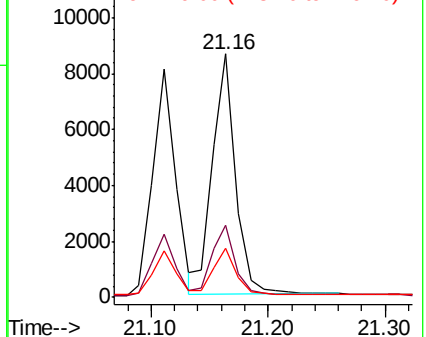


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.505 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

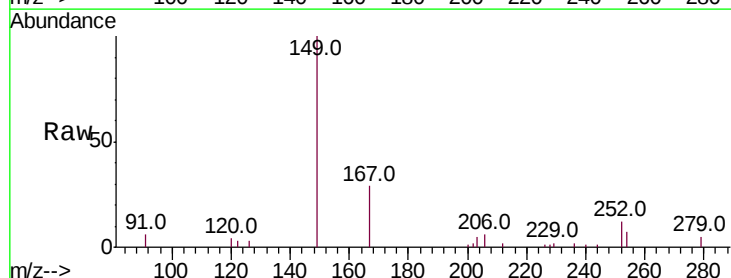
Tgt Ion:149 Resp: 4970

Ion Ratio Lower Upper

149 100

167 29.4 24.1 36.1

279 4.7 4.6 7.0

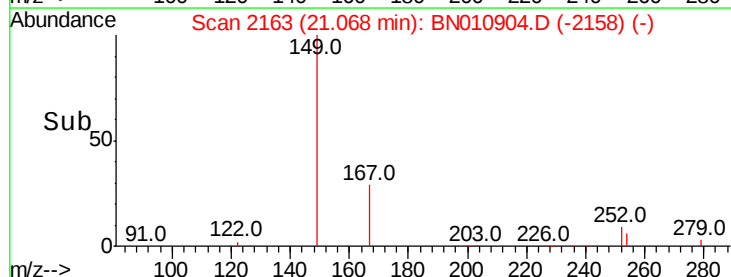
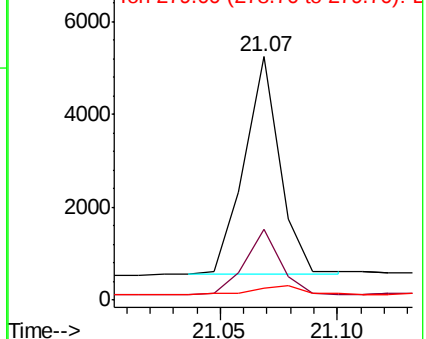


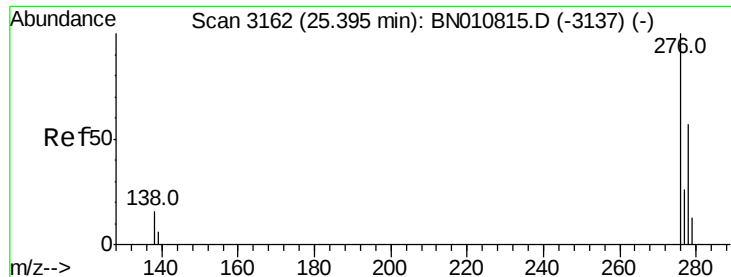
Abundance

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: 0.362 ng

RT: 25.38 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

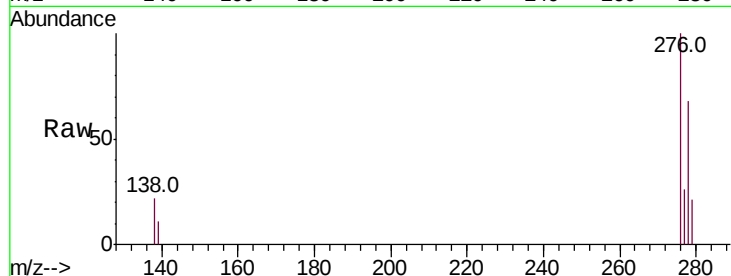
Tot Ion:276 Resp: 13919

Ion Ratio Lower Upper

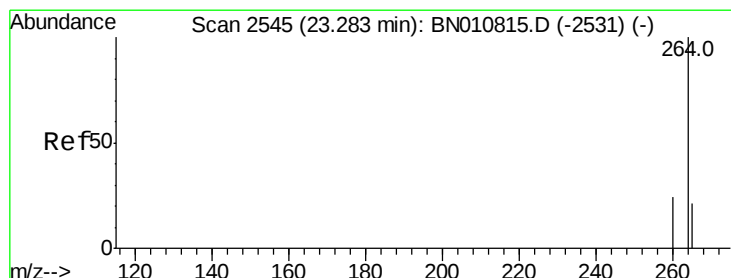
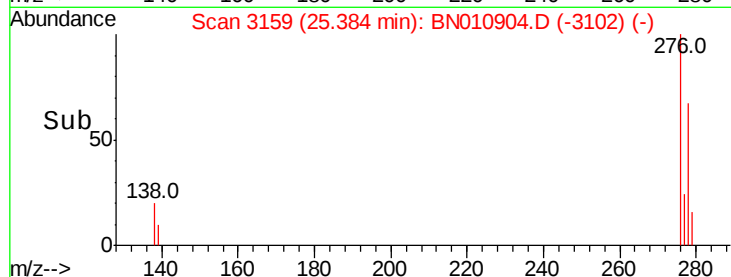
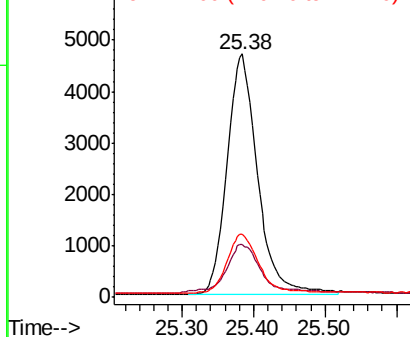
276 100

138 23.1 13.0 19.6#

277 25.1 19.7 29.5



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: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

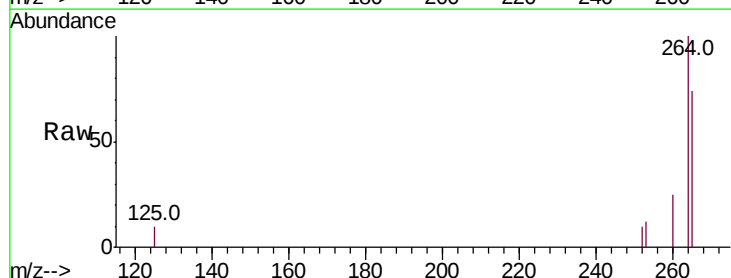
Tgt Ion:264 Resp: 10633

Ion Ratio Lower Upper

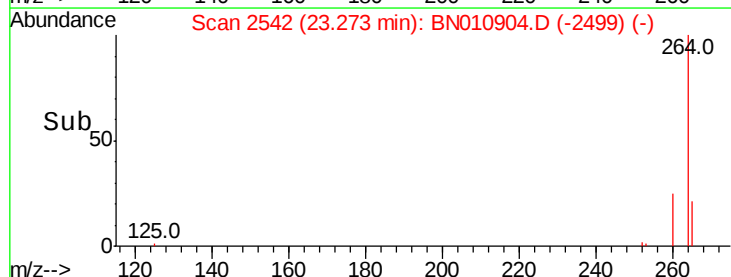
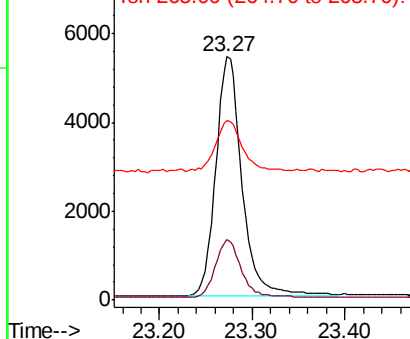
264 100

260 25.1 20.4 30.6

265 73.9 75.0 112.4#



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: 0.322 ng

RT: 22.64 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

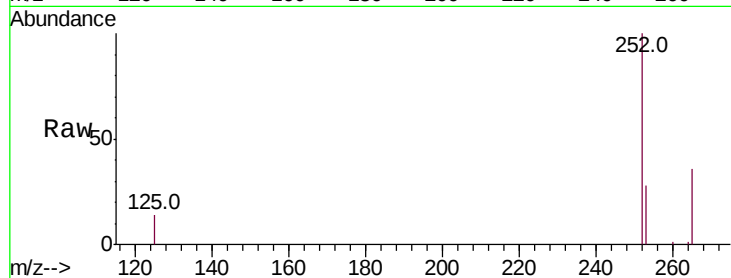
Tot Ion:252 Resp: 11656

Ion Ratio Lower Upper

252 100

253 27.6 22.4 33.6

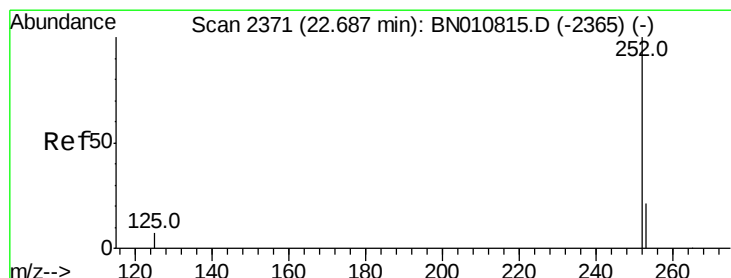
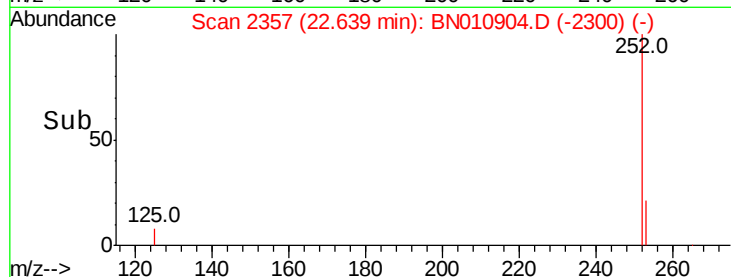
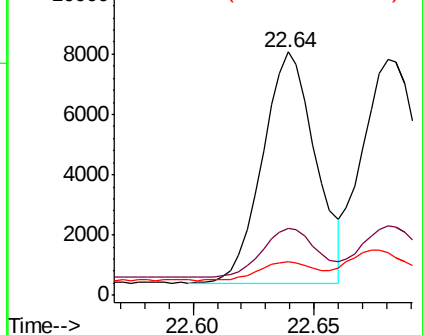
125 13.9 9.4 14.0



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



#36

Benzo(k)fluoranthene

Concen: 0.303 ng

RT: 22.64 min Scan# 2357

Delta R.T. -0.04 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

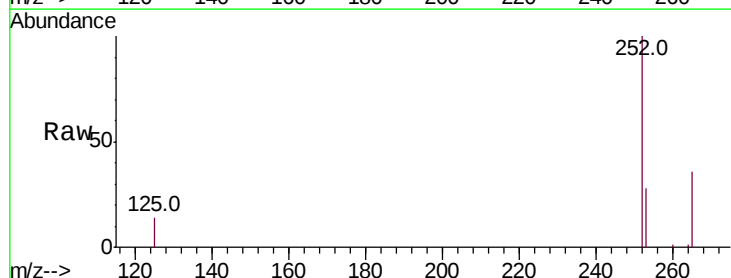
Tgt Ion:252 Resp: 11656

Ion Ratio Lower Upper

252 100

253 27.6 22.2 33.4

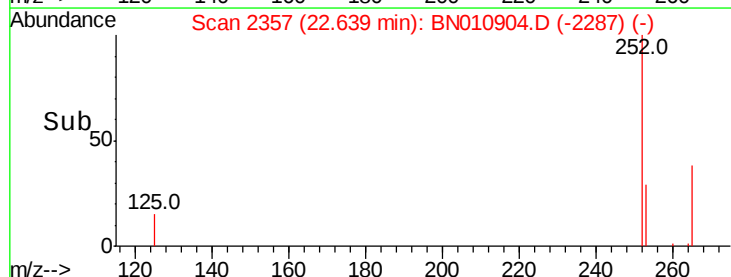
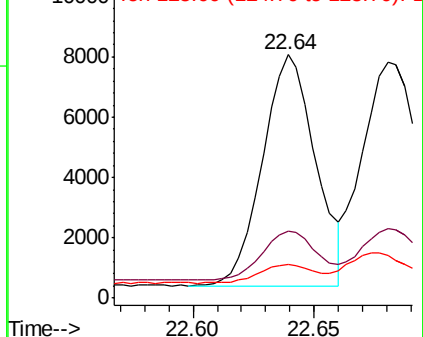
125 13.9 9.8 14.8



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: 0.328 ng

RT: 23.18 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS

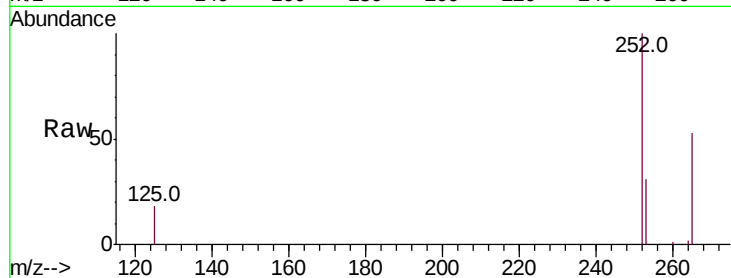
Tot Ion:252 Resp: 10163

Ion Ratio Lower Upper

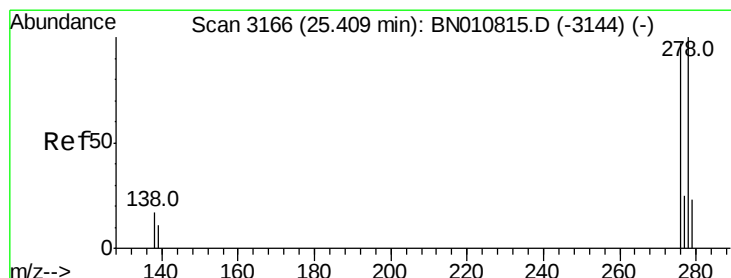
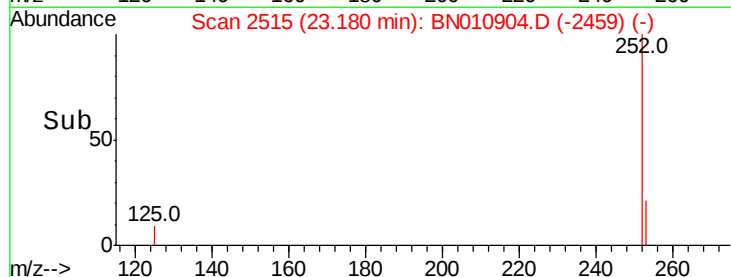
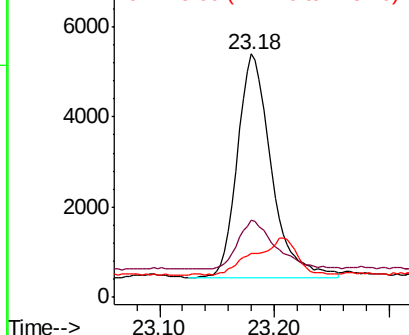
252 100

253 31.5 25.8 38.8

125 18.0 12.4 18.6



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: 0.324 ng

RT: 25.40 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BN010904.D

Acq: 16 Jun 2020 13:29

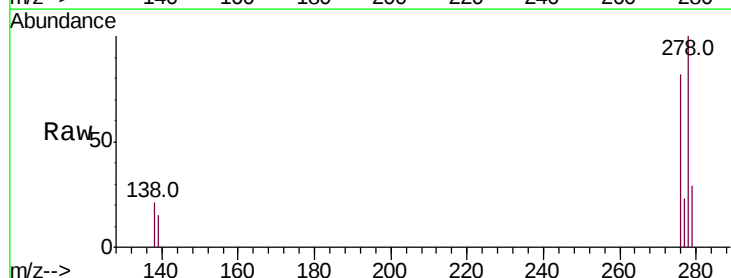
Tgt Ion:278 Resp: 11459

Ion Ratio Lower Upper

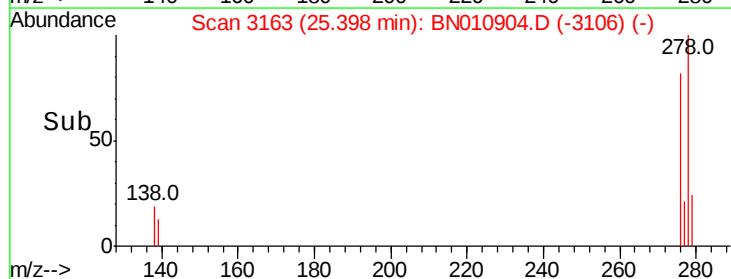
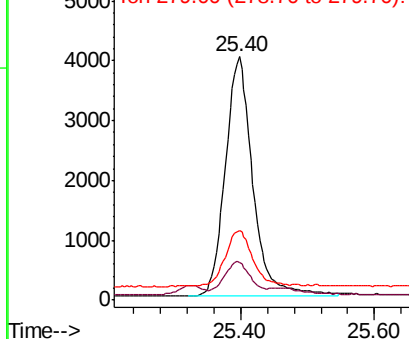
278 100

139 15.3 10.6 15.8

279 28.8 23.6 35.4



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: 0.331 ng

RT: 26.02 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BN010904.D

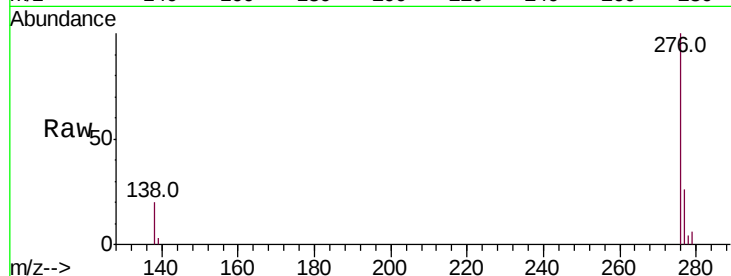
Acq: 16 Jun 2020 13:29

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MS



Tot Ion:276 Resp: 12232

Ion Ratio Lower Upper

276 100

277 25.8 20.5 30.7

138 19.7 13.7 20.5

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

