

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006740.D
 Acq On : 06 Jul 2019 05:52
 Operator : HP/JU
 Sample : K3638-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-6-070119MS

Quant Time: Jul 06 06:25:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2978	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	11481	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	6581	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	14784	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	15275	0.40	ng	-0.03
34) Perylene-d12	23.45	264	16996	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1418	0.18	ng	0.00
5) Phenol-d6	6.81	99	1298	0.13	ng	-0.02
8) Nitrobenzene-d5	8.77	82	3220	0.37	ng	-0.03
11) 2-Methylnaphthalene-d10	11.97	152	7919	0.46	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1245	0.38	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	11841	0.46	ng	-0.02
25) Fluoranthene-d10	19.05	212	19768	0.47	ng	-0.03
29) Terphenyl-d14	19.65	244	19987	0.57	ng	-0.03

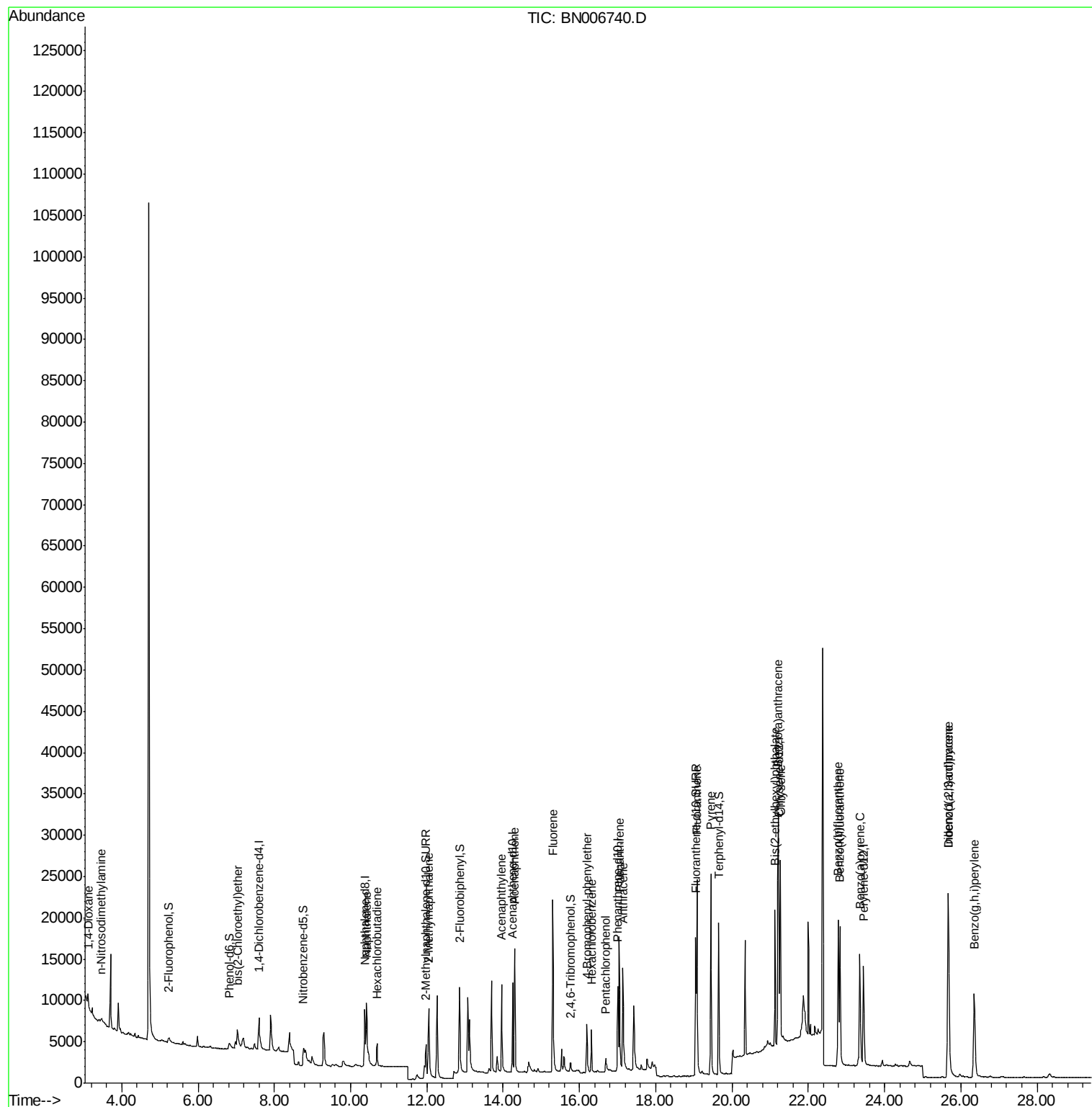
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	829	0.178	ng	# 8
3) n-Nitrosodimethylamine	3.47	42	598	0.170	ng	# 98
6) bis(2-Chloroethyl)ether	7.03	93	3123	0.361	ng	97
9) Naphthalene	10.41	128	12564	0.400	ng	100
10) Hexachlorobutadiene	10.69	225	2288	0.360	ng	# 99
12) 2-Methylnaphthalene	12.05	142	8476	0.381	ng	99
16) Acenaphthylene	13.96	152	12963	0.395	ng	100
17) Acenaphthene	14.30	154	8483	0.406	ng	98
18) Fluorene	15.30	166	10685	0.412	ng	99
20) 4-Bromophenyl-phenylether	16.20	248	3497	0.401	ng	98
21) Hexachlorobenzene	16.31	284	4105	0.396	ng	99
22) Pentachlorophenol	16.70	266	1591	1.130	ng	88
23) Phenanthrene	17.05	178	17961	0.422	ng	99
24) Anthracene	17.14	178	15952	0.414	ng	100
26) Fluoranthene	19.08	202	22756	0.455	ng	# 96
28) Pyrene	19.45	202	23557	0.385	ng	99
30) Benzo(a)anthracene	21.21	228	21327	0.405	ng	99
31) Chrysene	21.27	228	22029	0.406	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	13070	0.083	ng	100
33) Indeno(1,2,3-cd)pyrene	25.67	276	25956	0.400	ng	99
35) Benzo(b)fluoranthene	22.78	252	22351	0.410	ng	97
36) Benzo(k)fluoranthene	22.83	252	23548	0.398	ng	98
37) Benzo(a)pyrene	23.35	252	21564	0.408	ng	95
38) Dibenzo(a,h)anthracene	25.67	278	20904	0.398	ng	97
39) Benzo(g,h,i)perylene	26.35	276	22428	0.415	ng	95

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

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Misc :
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Instrument :
BNA_N
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MWHR2-6-070119MS

Quant Time: Jul 06 06:25:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration



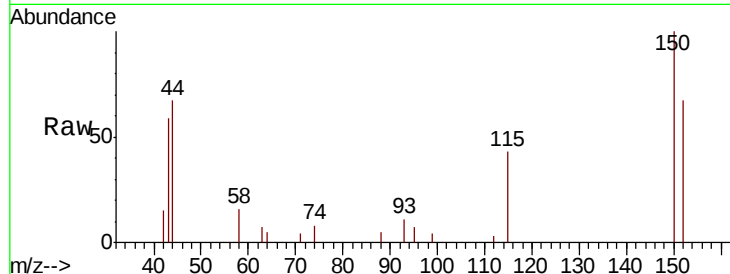


#1

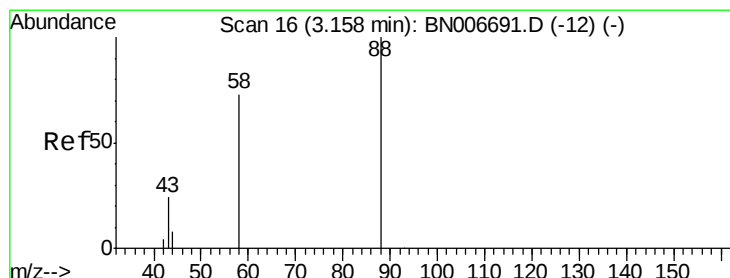
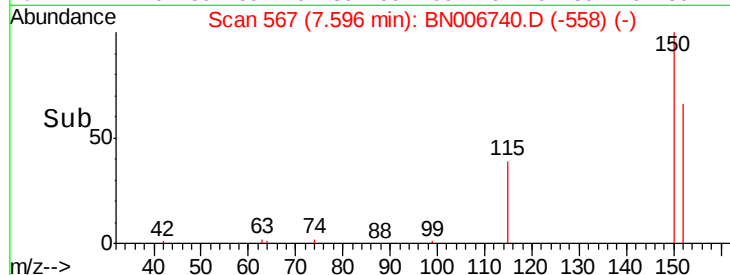
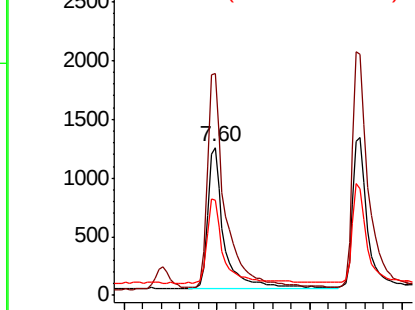
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006740.D
Acq: 06 Jul 2019 05:52

Instrument :
BNA_N
ClientSampleId :
MWHR2-6-070119MS

Tgt Ion: 152 Resp: 2978
Ion Ratio Lower Upper
152 100
150 149.8 120.6 181.0
115 64.4 51.0 76.6



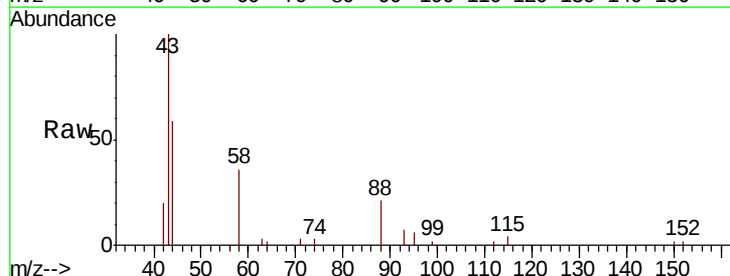
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



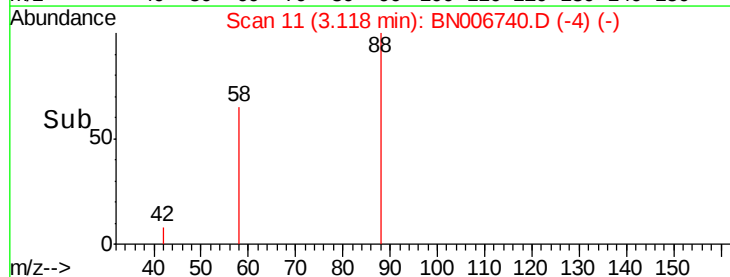
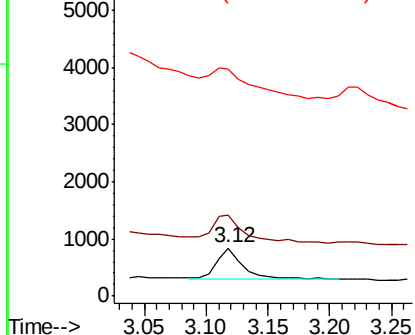
#2

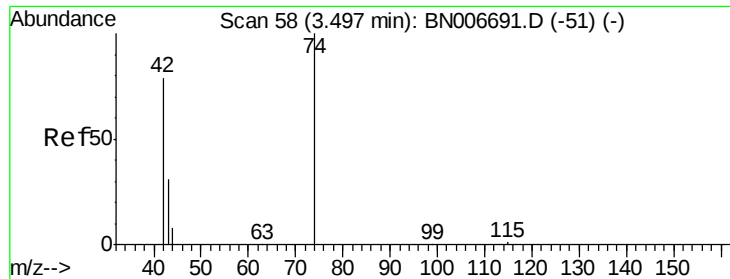
1,4-Dioxane
Concen: 0.178 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006740.D
Acq: 06 Jul 2019 05:52

Tgt Ion: 88 Resp: 829
Ion Ratio Lower Upper
88 100
58 108.6 61.1 91.7#
43 162.4 32.4 48.6#



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: 0.170 ng

RT: 3.47 min Scan# 55

Delta R.T. -0.02 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

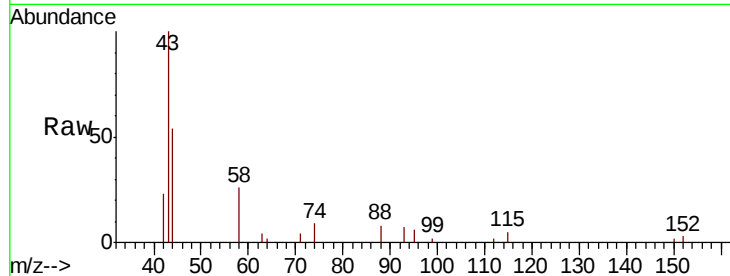
Tgt Ion: 42 Resp: 598

Ion Ratio Lower Upper

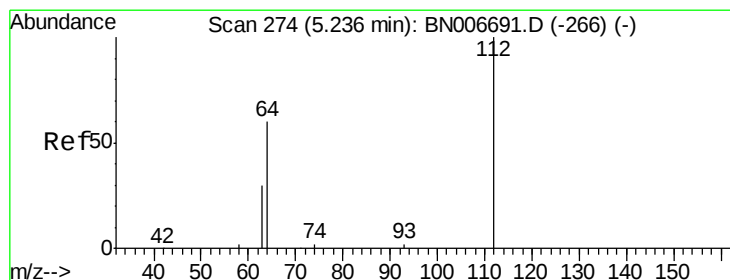
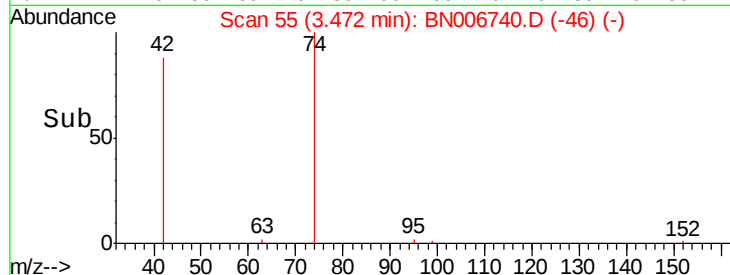
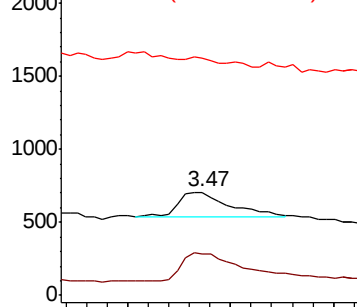
42 100

74 132.6 106.6 160.0

44 0.0 8.0 12.0#



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



#4

2-Fluorophenol

Concen: 0.175 ng

RT: 5.24 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

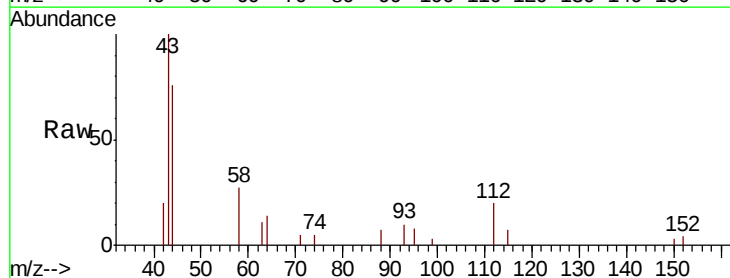
Tgt Ion: 112 Resp: 1418

Ion Ratio Lower Upper

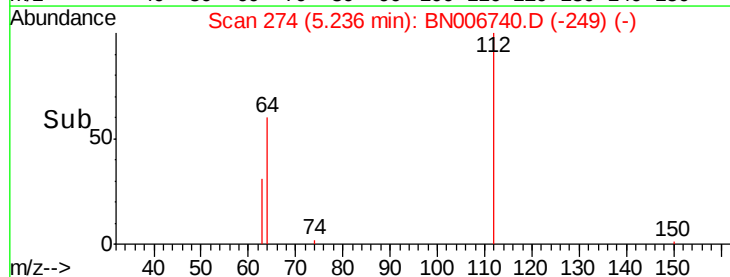
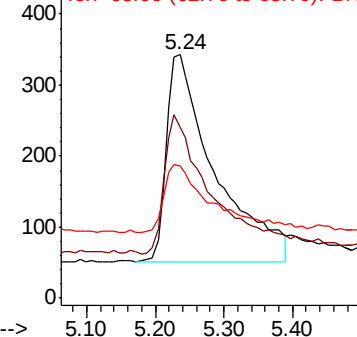
112 100

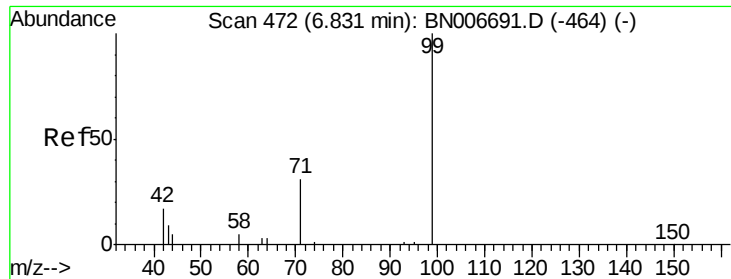
64 65.7 49.8 74.6

63 34.1 25.8 38.6



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





#5

Phenol-d6

Concen: 0.127 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

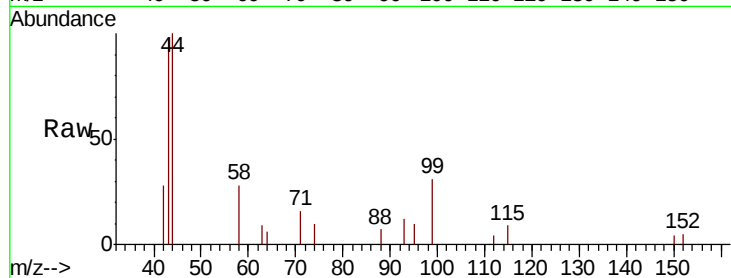
Tgt Ion: 99 Resp: 1298

Ion Ratio Lower Upper

99 100

42 31.9 16.6 25.0#

71 32.4 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006740.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006740.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006740.D (-460) (-)

6.81

400

300

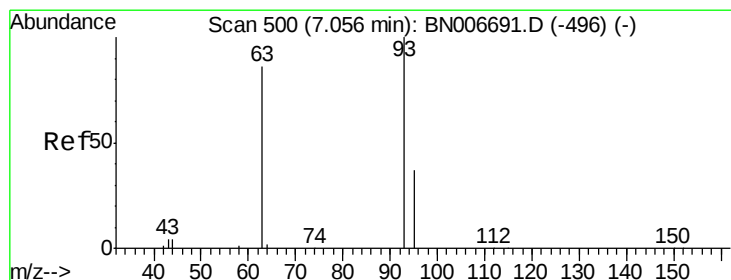
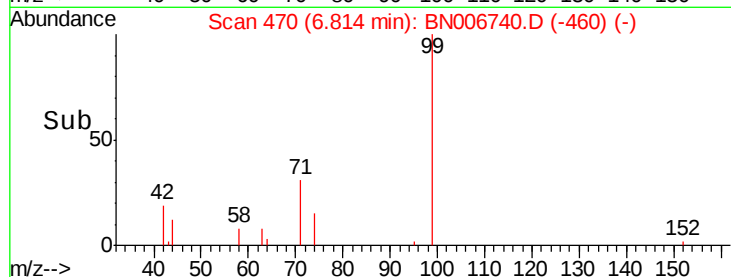
200

100

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.361 ng

RT: 7.03 min Scan# 497

Delta R.T. -0.02 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

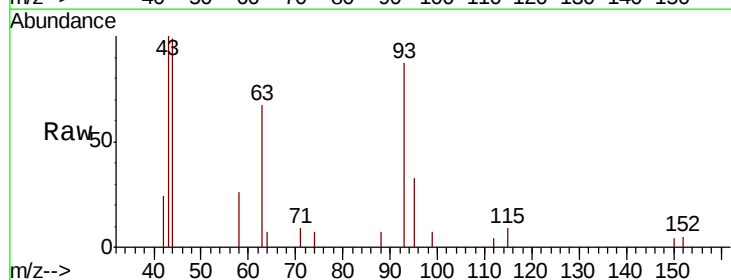
Tgt Ion: 93 Resp: 3123

Ion Ratio Lower Upper

93 100

63 76.7 58.6 87.8

95 35.4 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN006740.D (-475) (-)

Ion 63.00 (62.70 to 63.70): BN006740.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BN006740.D (-475) (-)

7.03

1500

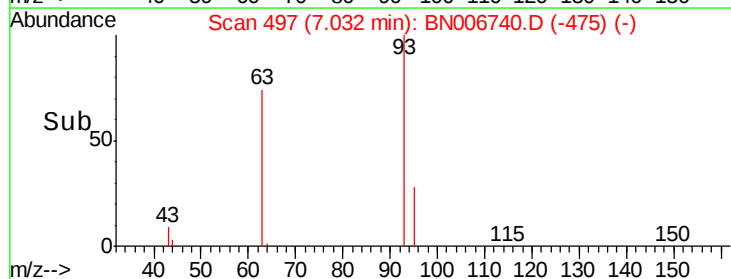
1000

500

0

6.90 7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

Tgt Ion: 136 Resp: 11481

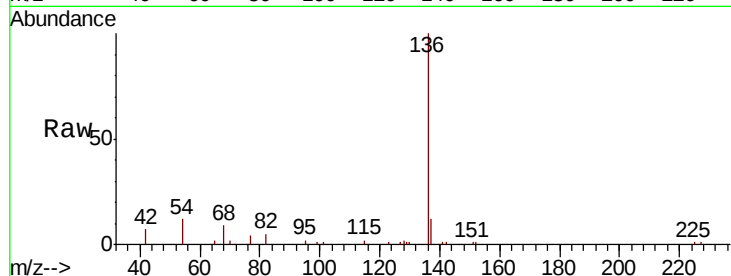
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 11.8 8.4 12.6

68 9.2 6.8 10.2

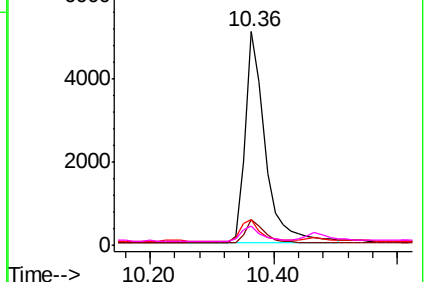
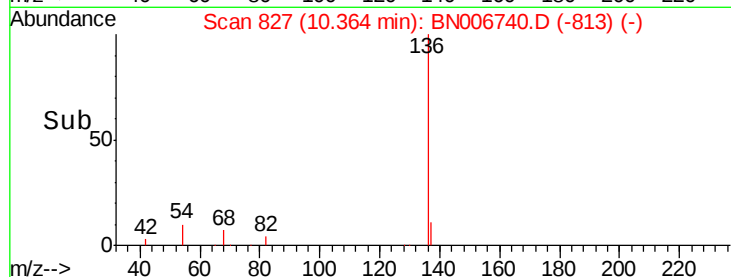


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.366 ng

RT: 8.77 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

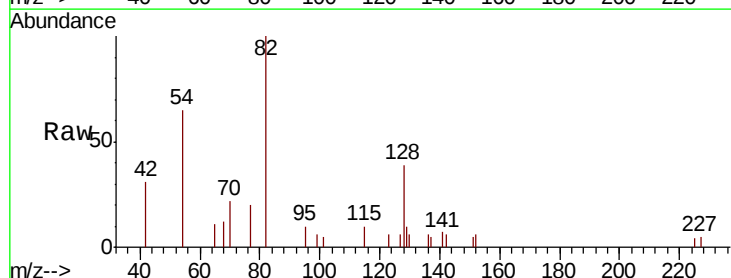
Tgt Ion: 82 Resp: 3220

Ion Ratio Lower Upper

82 100

128 39.2 36.1 54.1

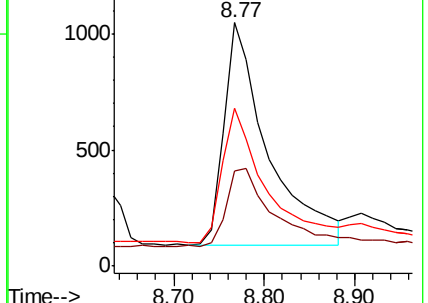
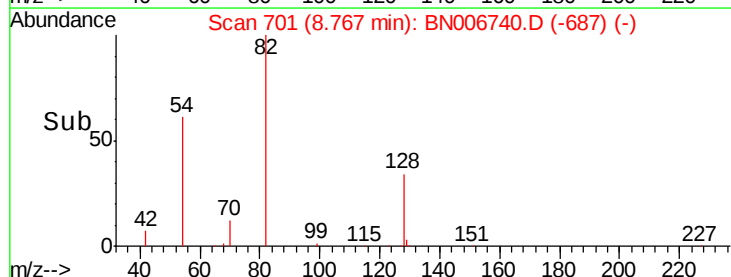
54 64.8 44.5 66.7



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: 0.400 ng

RT: 10.41 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

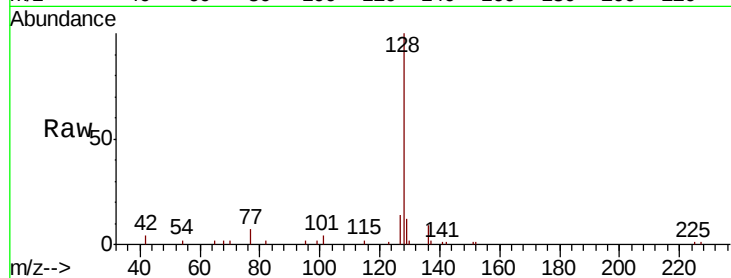
Tgt Ion:128 Resp: 12564

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

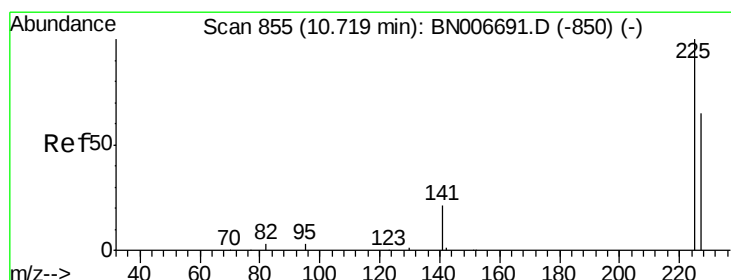
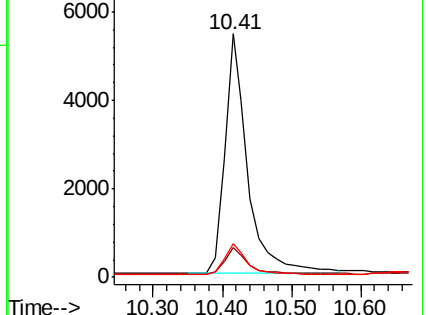
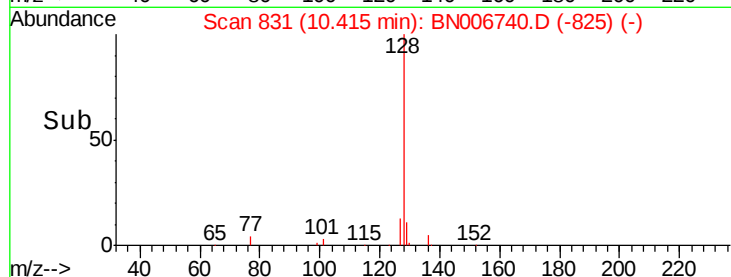
127 13.9 11.0 16.4



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: 0.360 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

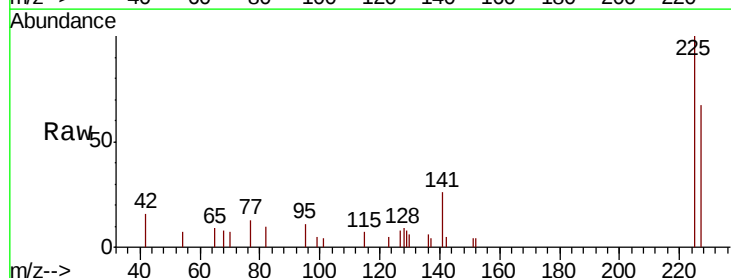
Tgt Ion:225 Resp: 2288

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

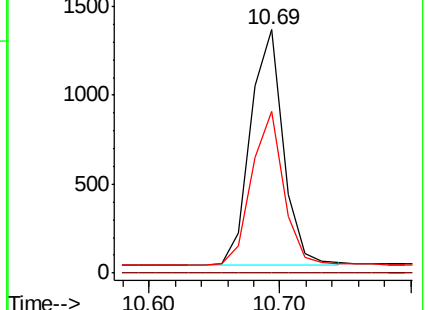
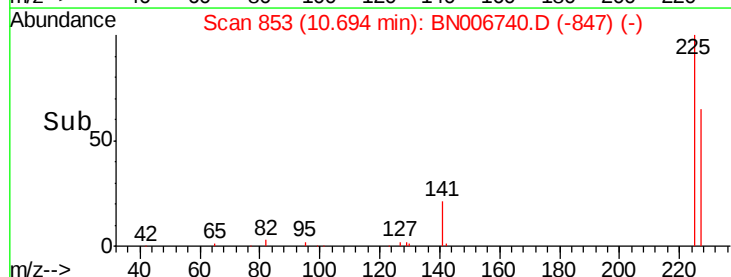
227 64.1 50.9 76.3

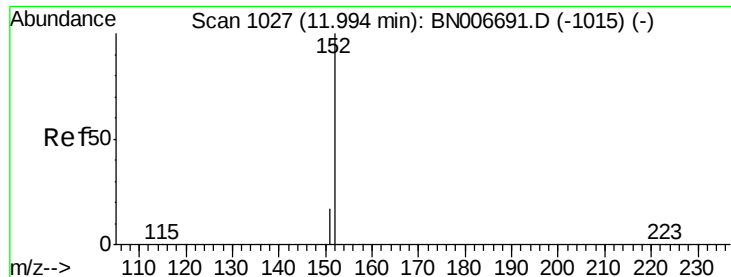


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

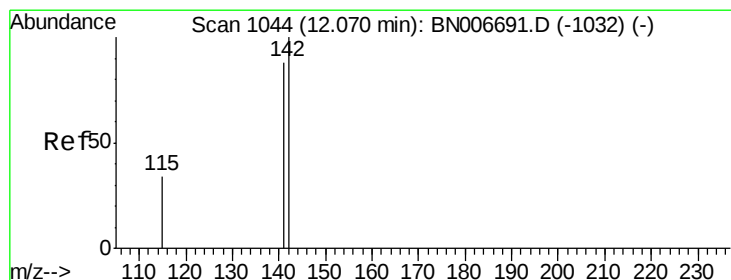
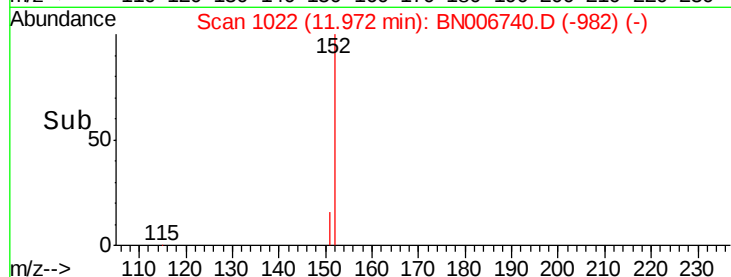
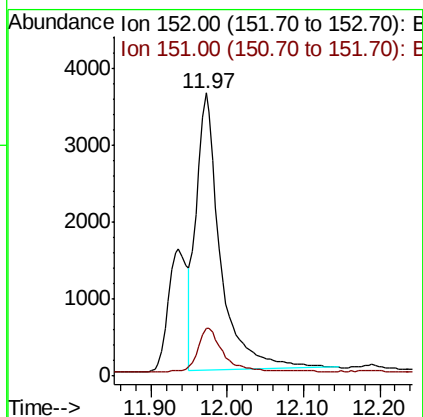
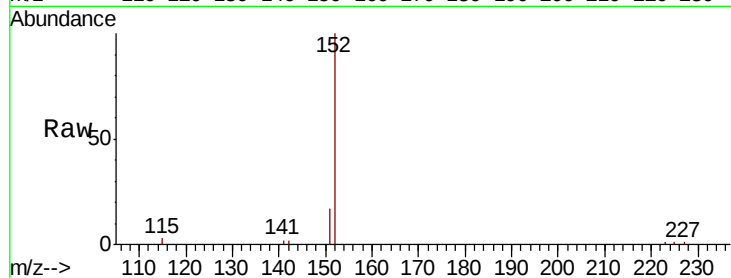




#11
 2-Methylnaphthalene-d10
 Concen: 0.459 ng
 RT: 11.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BN006740.D
 Acq: 06 Jul 2019 05:52

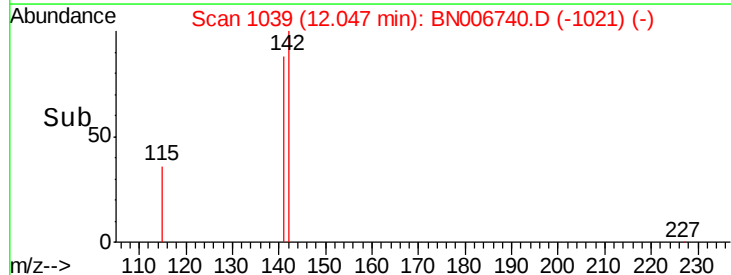
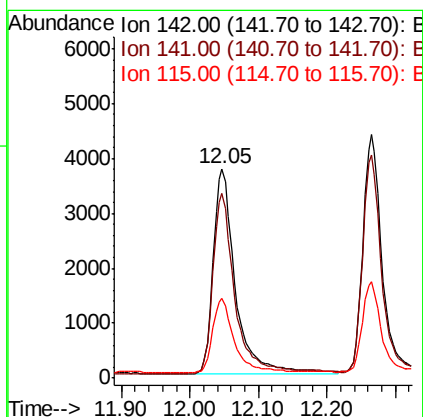
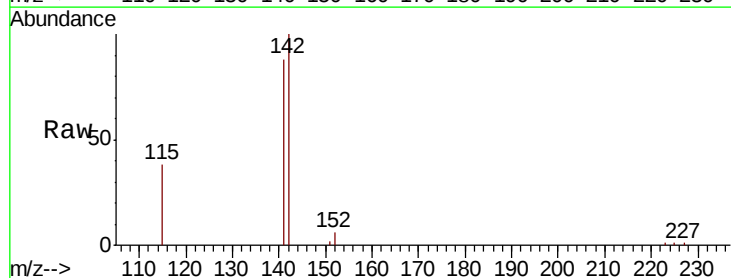
Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-6-070119MS

Tgt Ion:152 Resp: 7919
 Ion Ratio Lower Upper
 152 100
 151 17.8 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.381 ng
 RT: 12.05 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BN006740.D
 Acq: 06 Jul 2019 05:52

Tgt Ion:142 Resp: 8476
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.3 105.5
 115 37.9 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

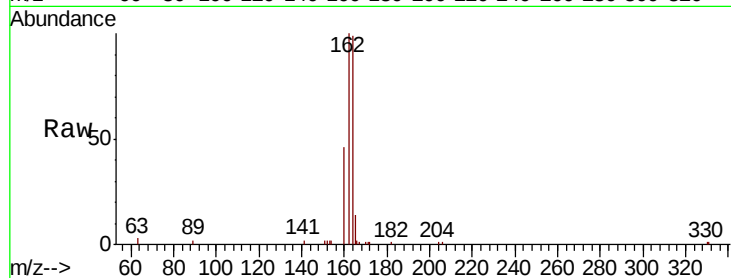
Tgt Ion:164 Resp: 6581

Ion Ratio Lower Upper

164 100

162 100.8 80.8 121.2

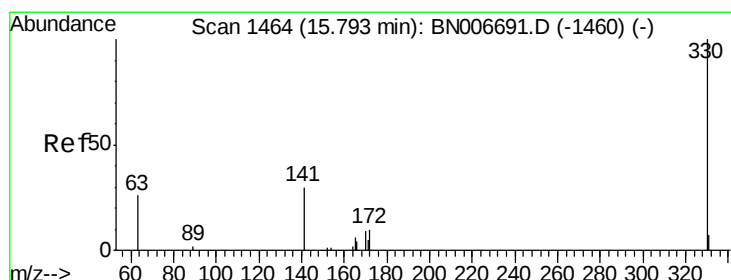
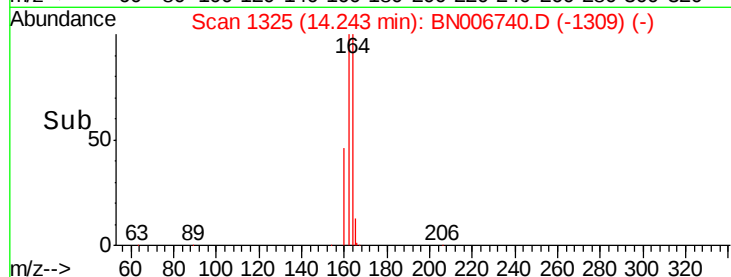
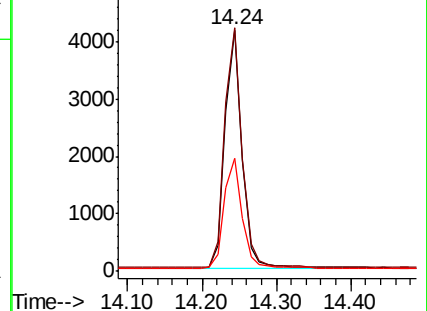
160 46.7 37.0 55.6



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: 0.385 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

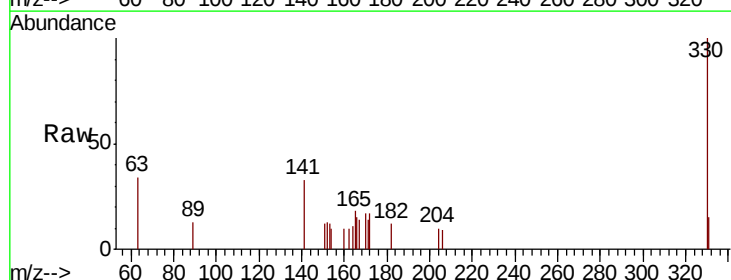
Tgt Ion:330 Resp: 1245

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

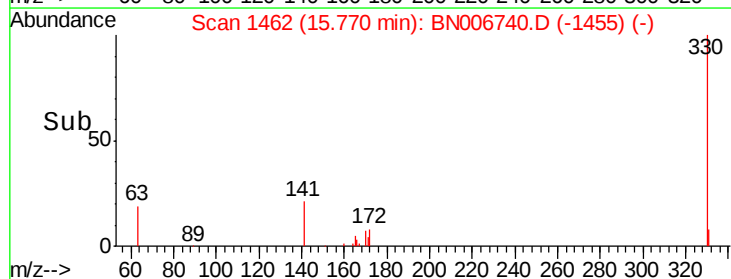
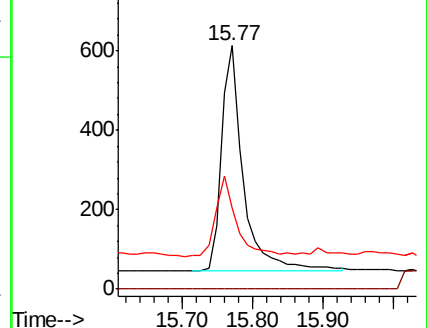
141 34.1 24.8 37.2

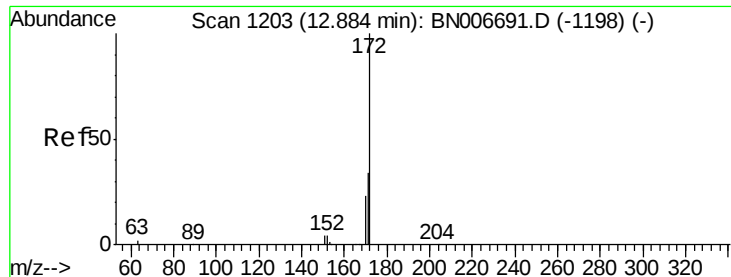


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

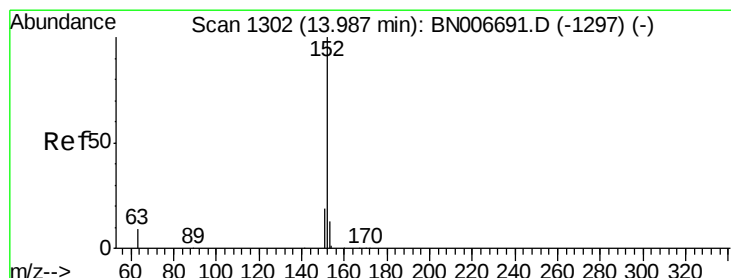
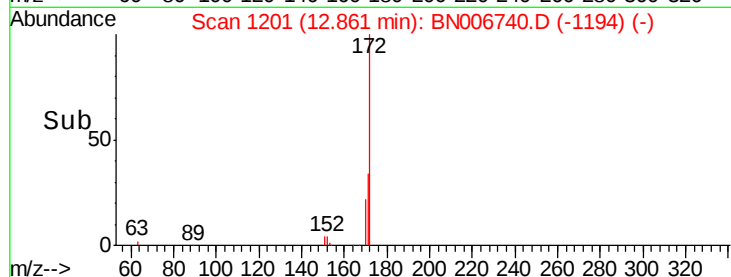
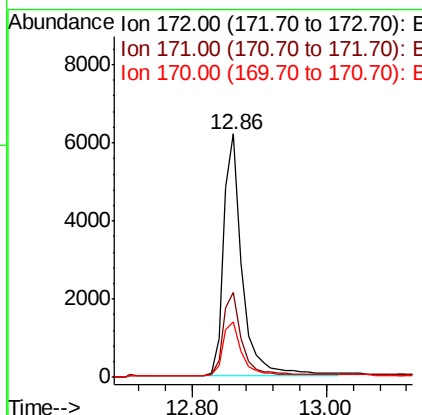
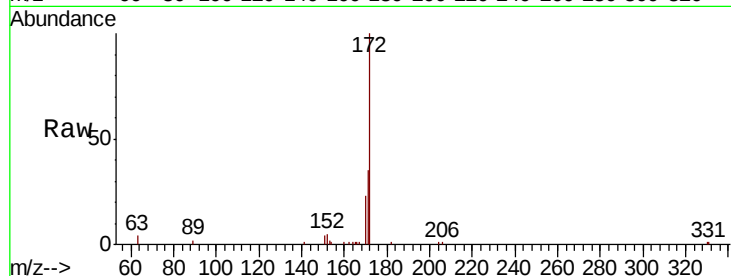




#15
2-Fluorobiphenyl
Concen: 0.460 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006740.D
Acq: 06 Jul 2019 05:52

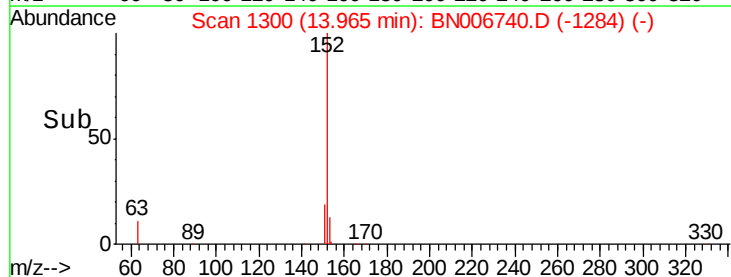
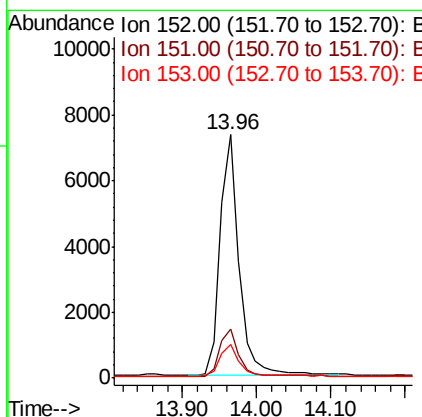
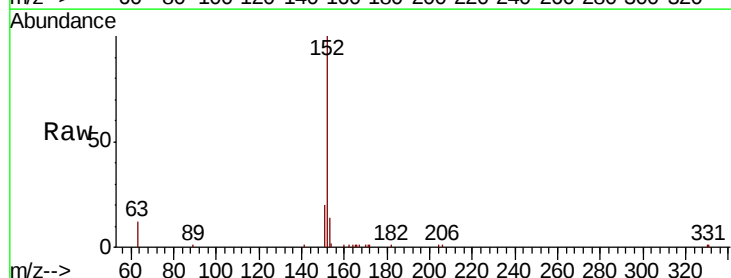
Instrument :
BNA_N
ClientSampleId :
MWHHR2-6-070119MS

Tgt Ion:172 Resp: 11841
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 22.6 18.9 28.3



#16
Acenaphthylene
Concen: 0.395 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006740.D
Acq: 06 Jul 2019 05:52

Tgt Ion:152 Resp: 12963
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.406 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

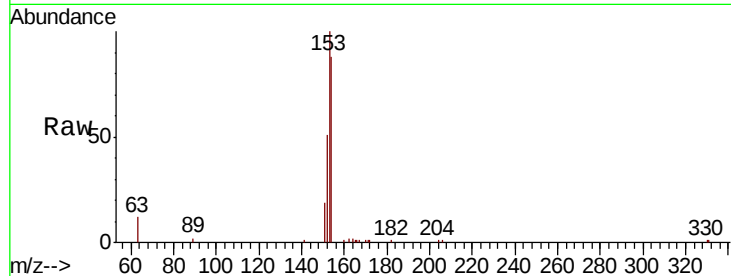
Tgt Ion:154 Resp: 8483

Ion Ratio Lower Upper

154 100

153 112.5 88.9 133.3

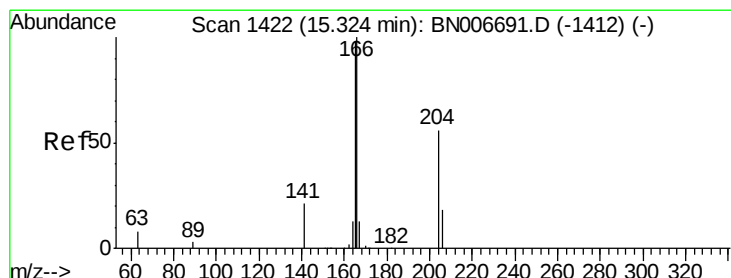
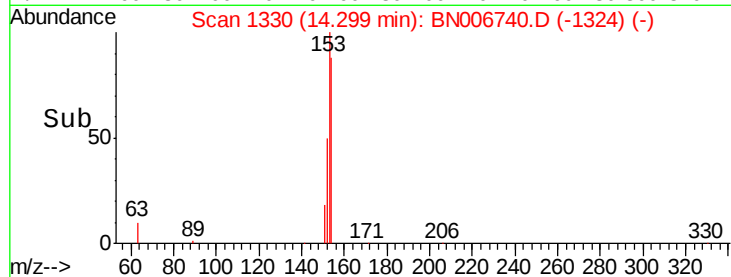
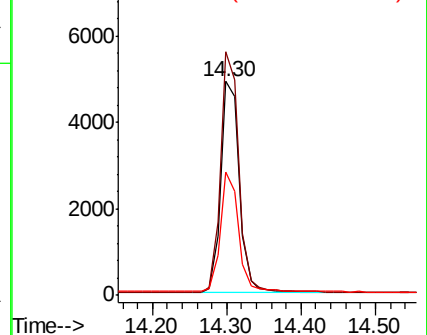
152 55.6 42.8 64.2



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: 0.412 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

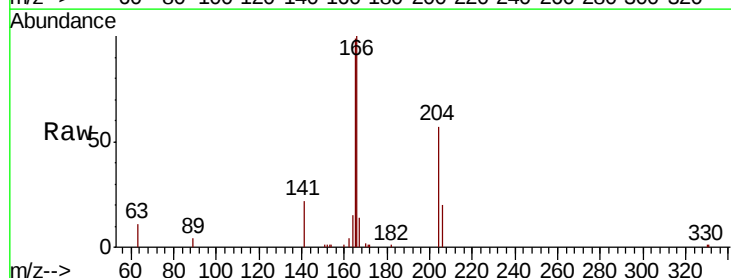
Tgt Ion:166 Resp: 10685

Ion Ratio Lower Upper

166 100

165 98.0 78.0 117.0

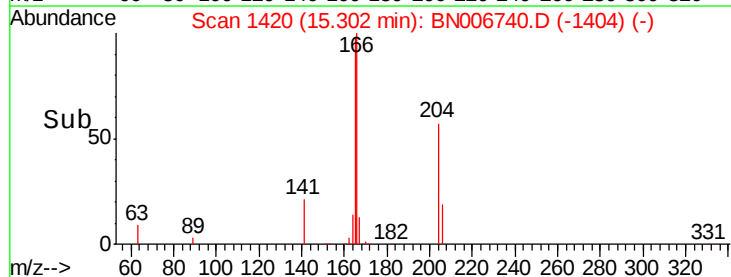
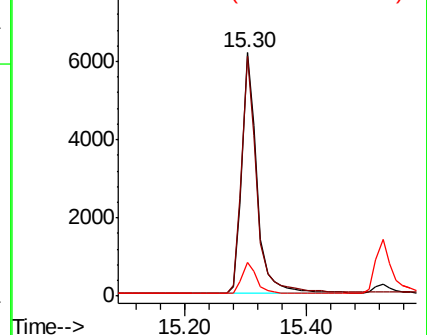
167 13.8 10.7 16.1



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: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

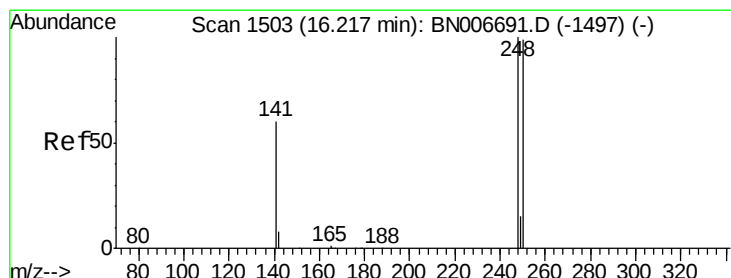
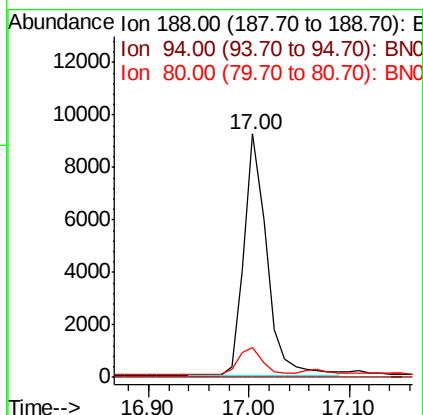
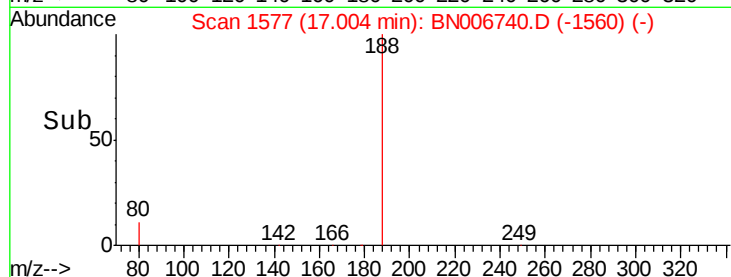
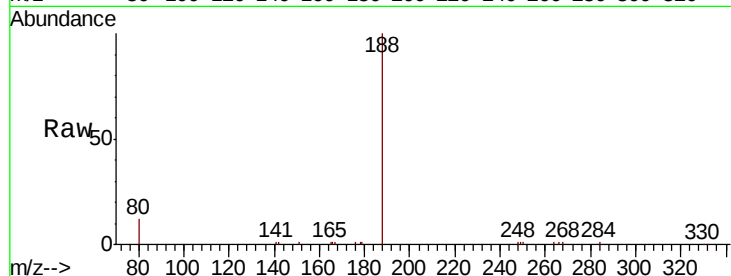
Tgt Ion:188 Resp: 14784

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 10.3 15.5



#20

4-Bromophenyl-phenylether

Concen: 0.401 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

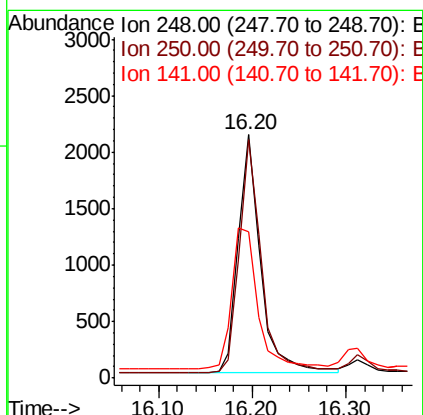
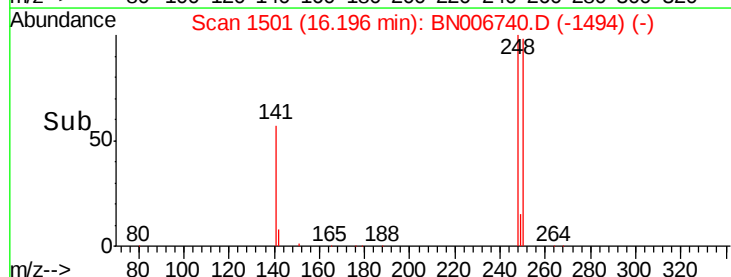
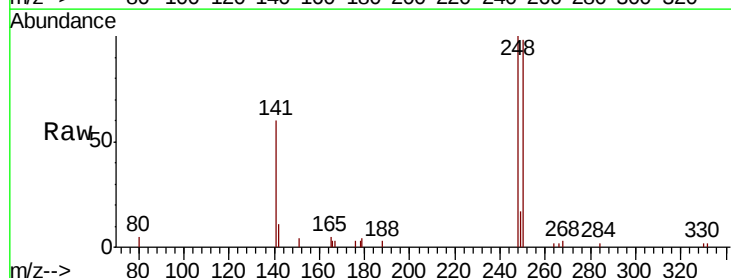
Tgt Ion:248 Resp: 3497

Ion Ratio Lower Upper

248 100

250 97.9 79.0 118.6

141 60.2 50.2 75.4





#21

Hexachlorobenzene

Concen: 0.396 ng

RT: 16.31 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

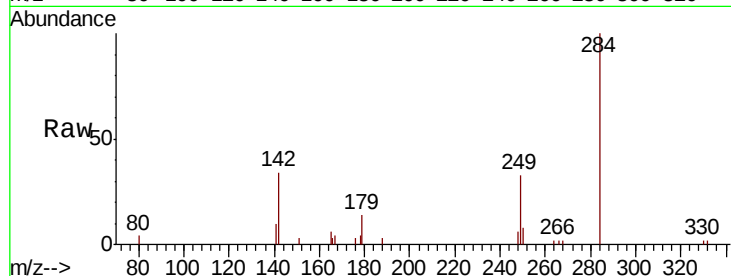
Tgt Ion:284 Resp: 4105

Ion Ratio Lower Upper

284 100

142 33.4 26.9 40.3

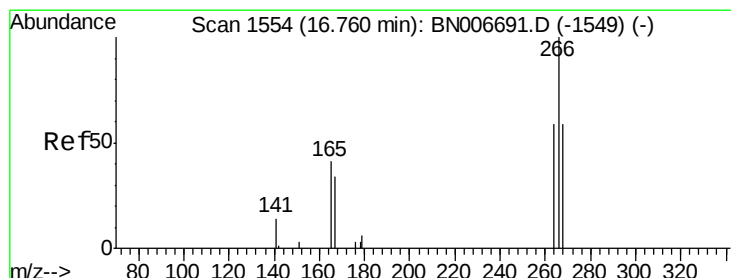
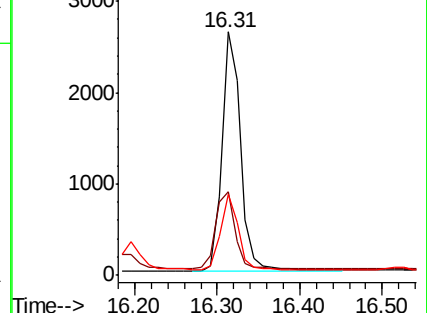
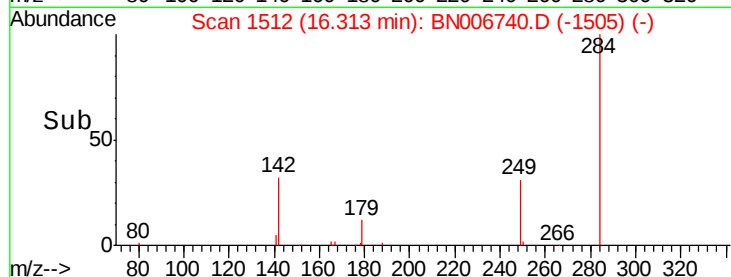
249 30.0 24.4 36.6



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: 1.130 ng

RT: 16.70 min Scan# 1548

Delta R.T. -0.06 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

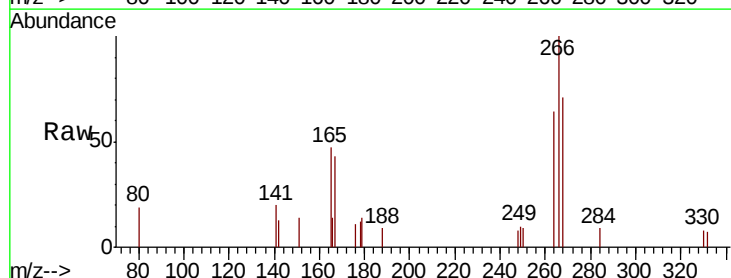
Tgt Ion:266 Resp: 1591

Ion Ratio Lower Upper

266 100

264 64.4 57.6 86.4

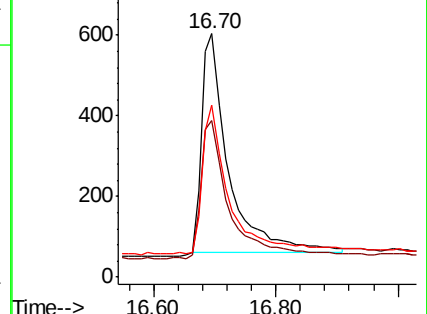
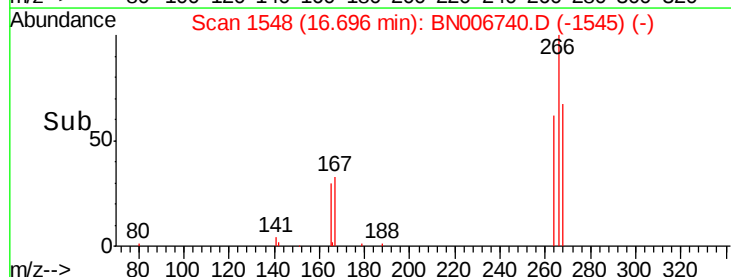
268 70.5 66.6 99.8



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: 0.422 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

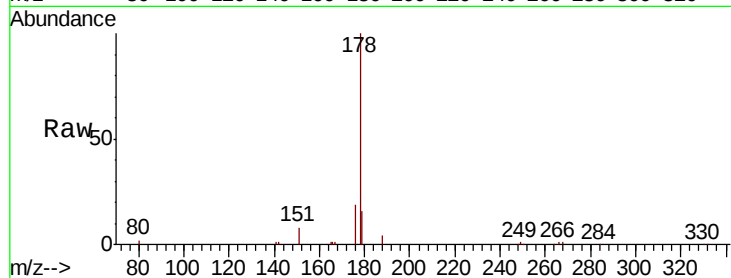
Tgt Ion:178 Resp: 17961

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

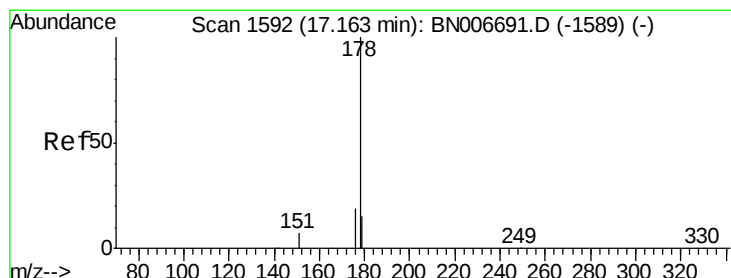
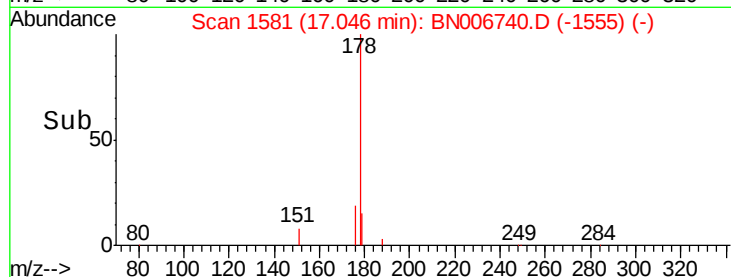
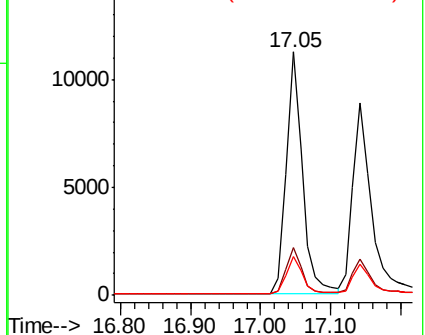
179 16.0 12.4 18.6



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: 0.414 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

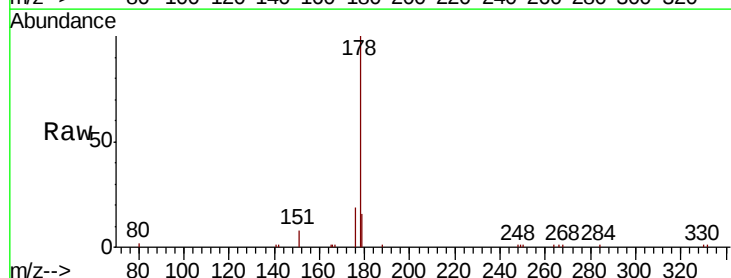
Tgt Ion:178 Resp: 15952

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

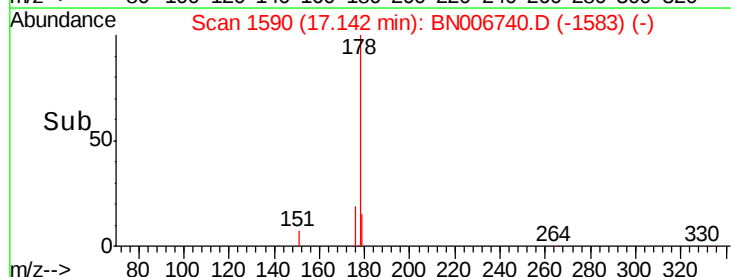
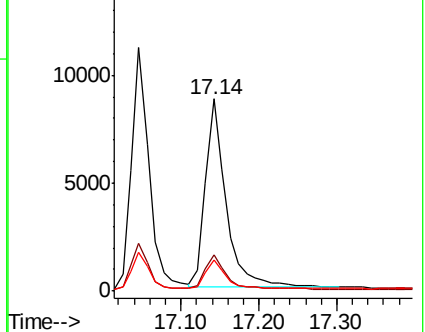
179 15.2 11.9 17.9

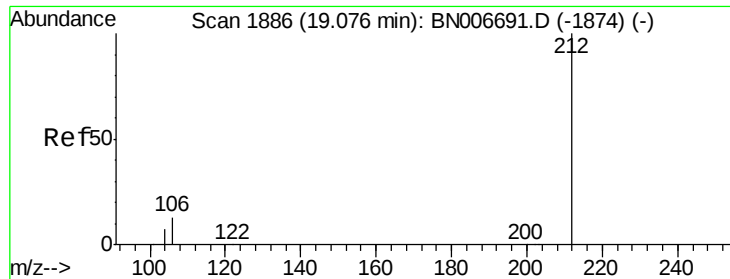


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.467 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

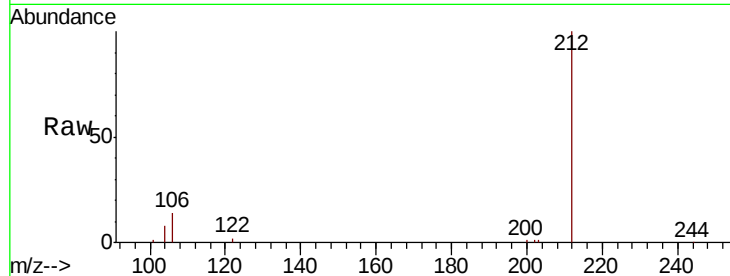
Tgt Ion:212 Resp: 19768

Ion Ratio Lower Upper

212 100

106 14.2 11.0 16.6

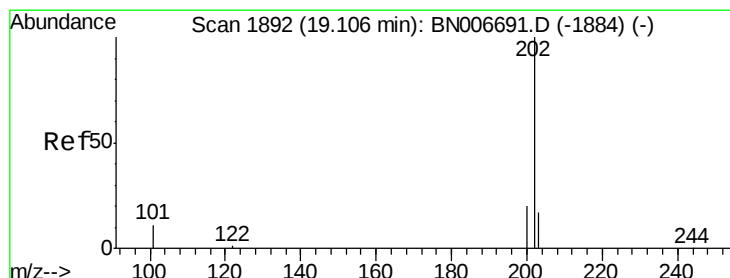
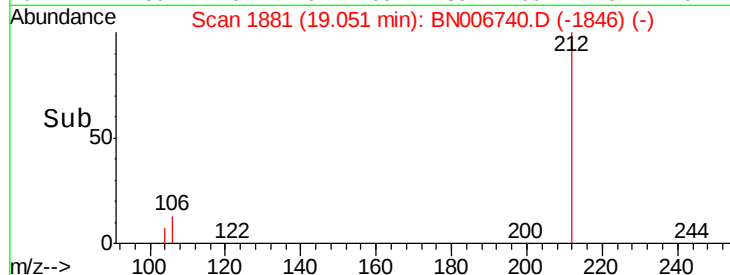
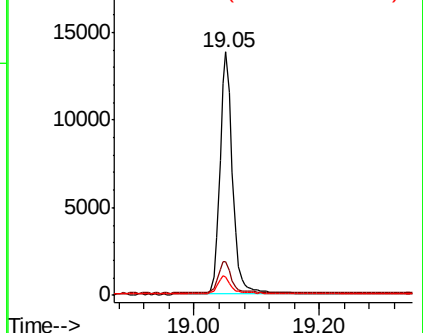
104 7.8 6.1 9.1



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: 0.455 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

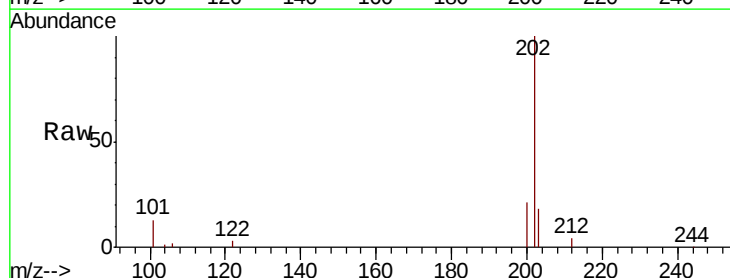
Tgt Ion:202 Resp: 22756

Ion Ratio Lower Upper

202 100

101 14.5 8.7 13.1#

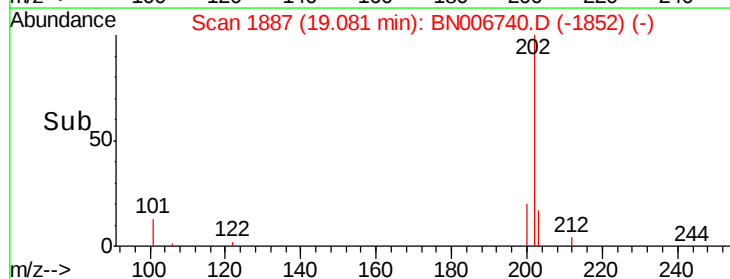
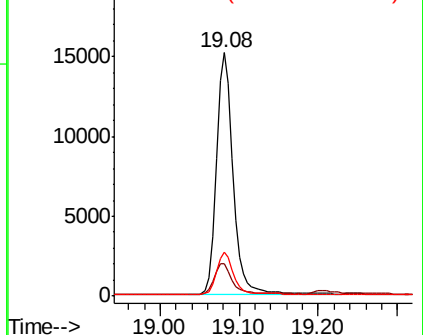
203 17.5 13.8 20.6



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: 21.23 min Scan# 2188

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

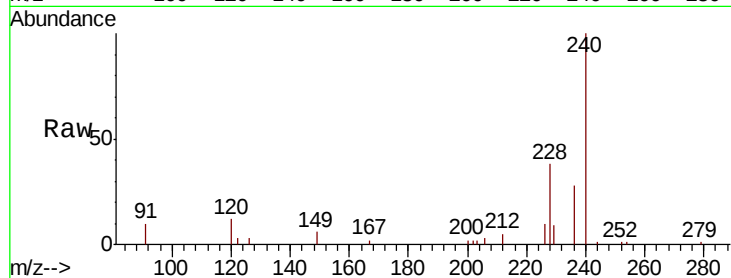
Tgt Ion:240 Resp: 15275

Ion Ratio Lower Upper

240 100

120 12.0 12.9 19.3#

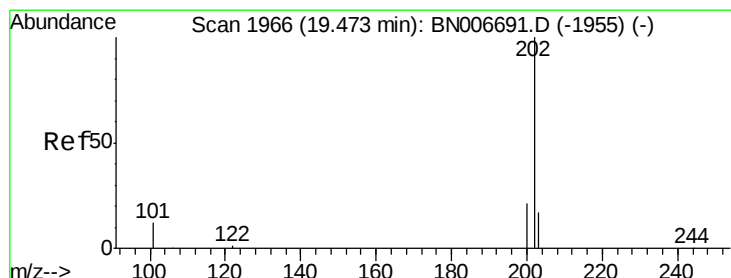
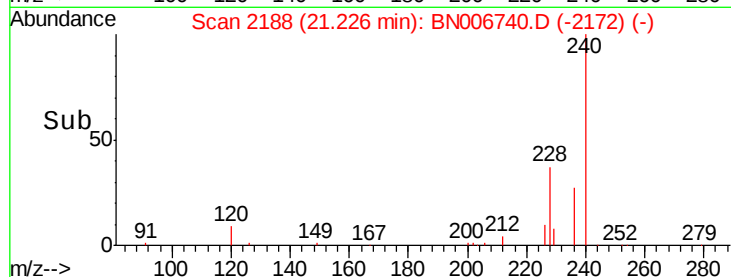
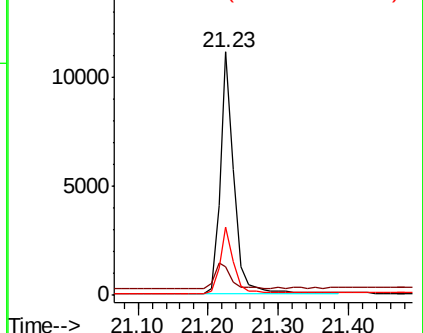
236 27.8 23.2 34.8



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: 0.385 ng

RT: 19.45 min Scan# 1961

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

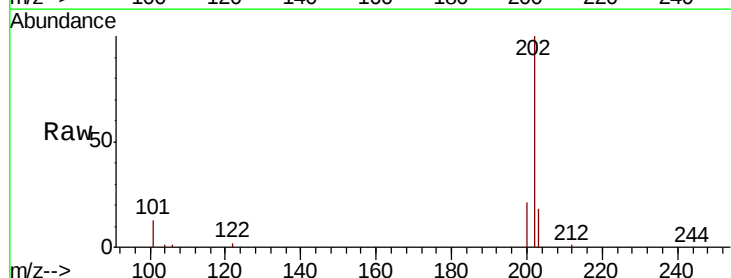
Tgt Ion:202 Resp: 23557

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

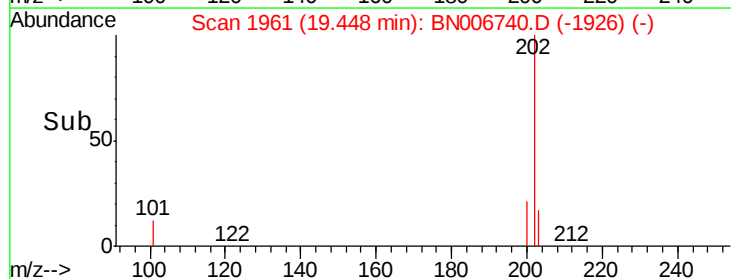
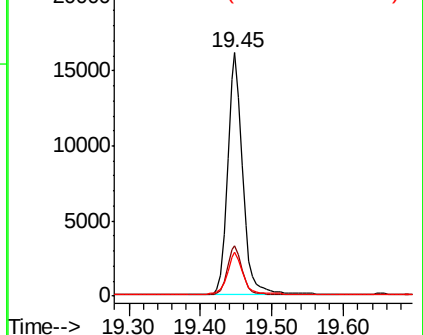
203 18.1 14.2 21.2



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: 0.568 ng

RT: 19.65 min Scan# 2002

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

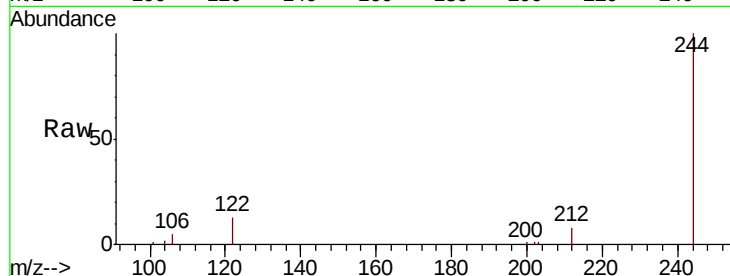
Tgt Ion:244 Resp: 19987

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

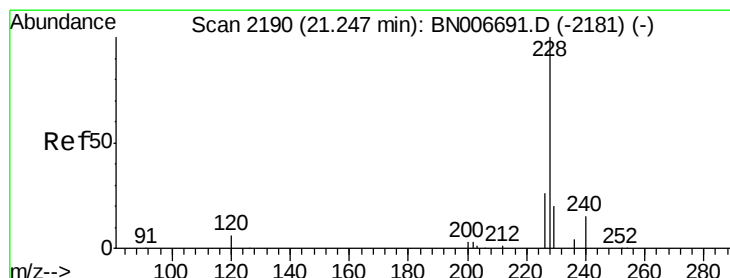
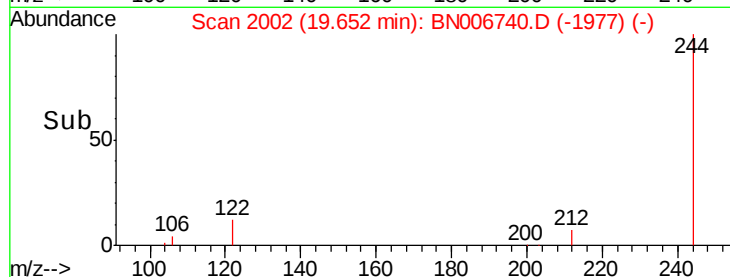
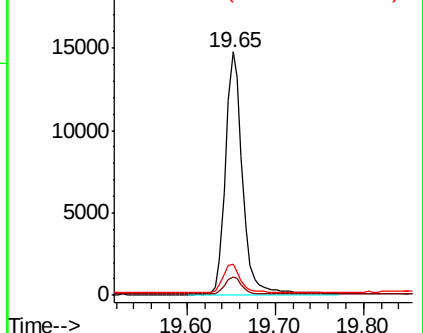
122 12.9 11.5 17.3



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: 0.405 ng

RT: 21.21 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

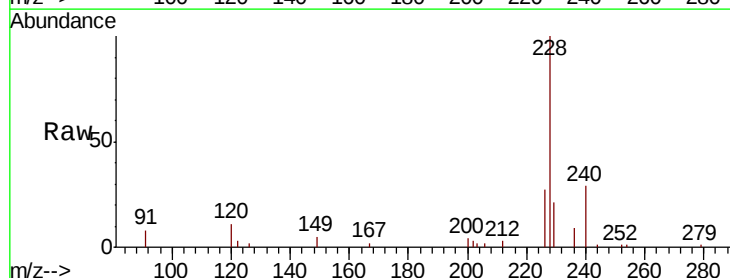
Tgt Ion:228 Resp: 21327

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

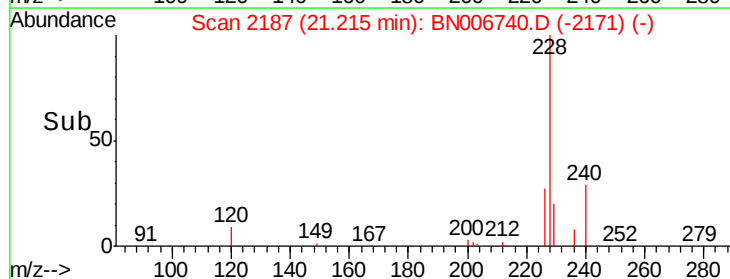
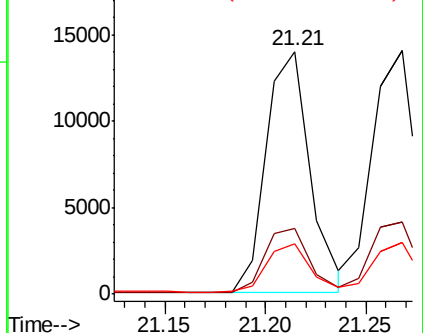
229 20.8 16.2 24.4



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: 0.406 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

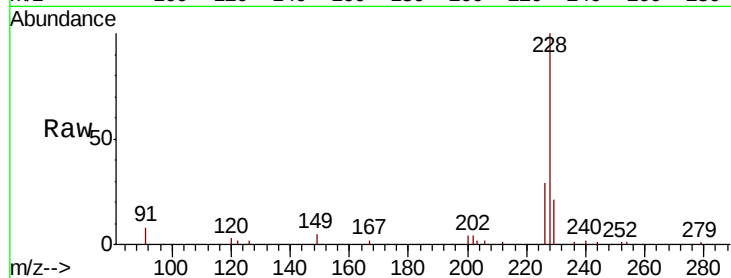
Tgt Ion: 228 Resp: 22029

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.2

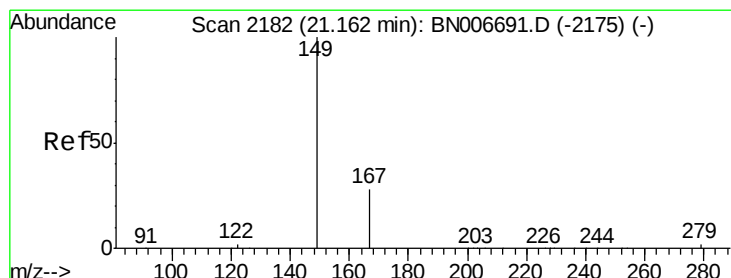
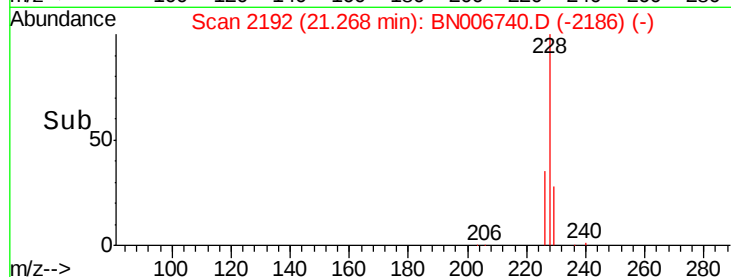
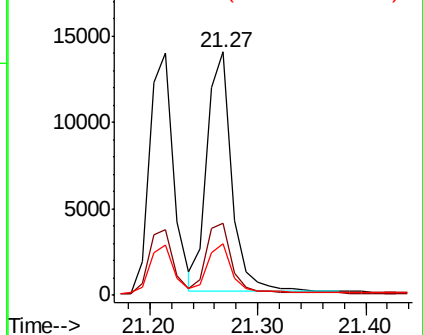
229 21.0 15.8 23.6



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: 0.083 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

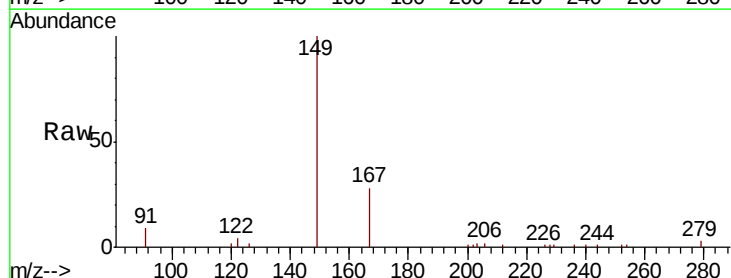
Tgt Ion: 149 Resp: 13070

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

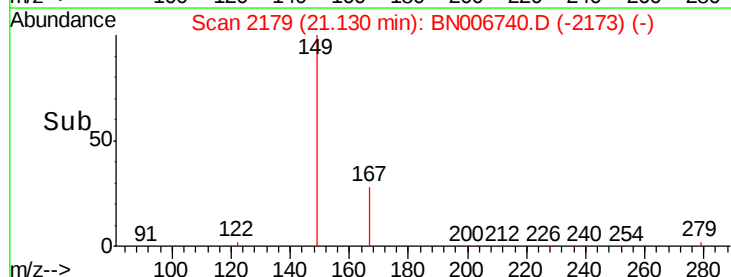
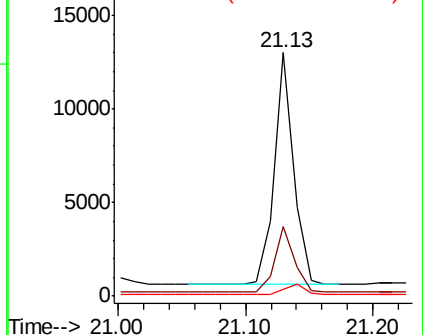
279 4.5 3.2 4.8



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: 0.400 ng

RT: 25.67 min Scan# 3253

Delta R.T. -0.08 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

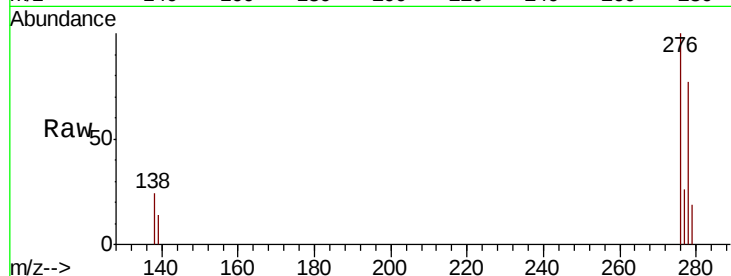
Tgt Ion:276 Resp: 25956

Ion Ratio Lower Upper

276 100

138 23.4 19.5 29.3

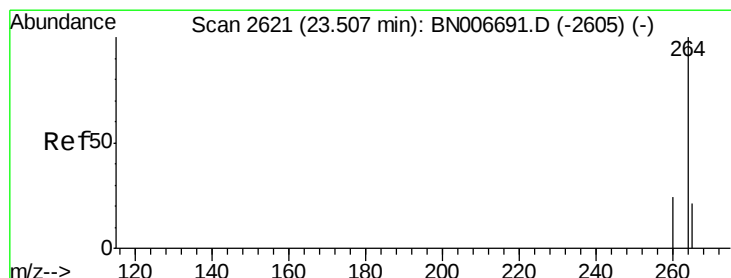
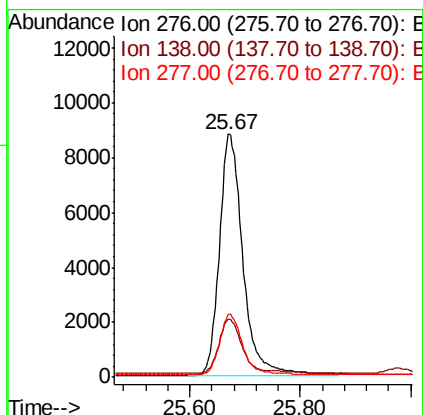
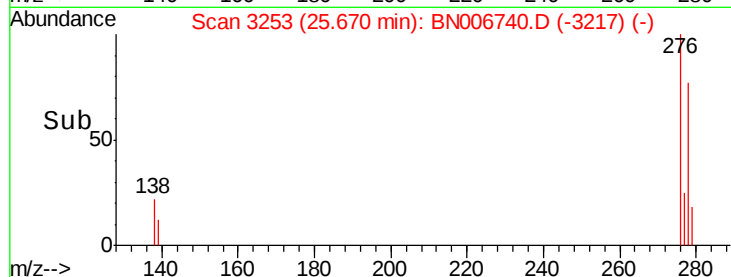
277 24.8 19.7 29.5



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: 23.45 min Scan# 2605

Delta R.T. -0.05 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

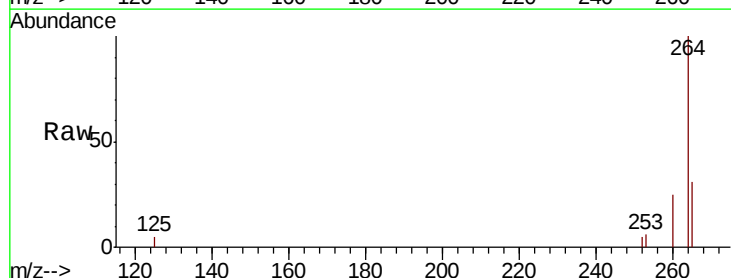
Tgt Ion:264 Resp: 16996

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

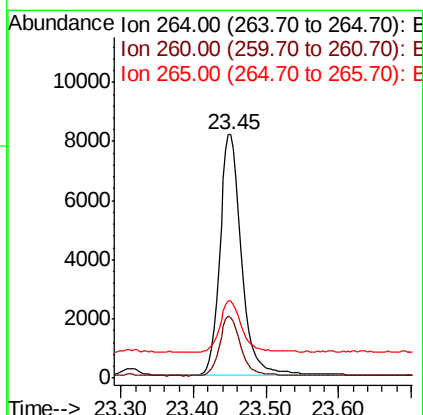
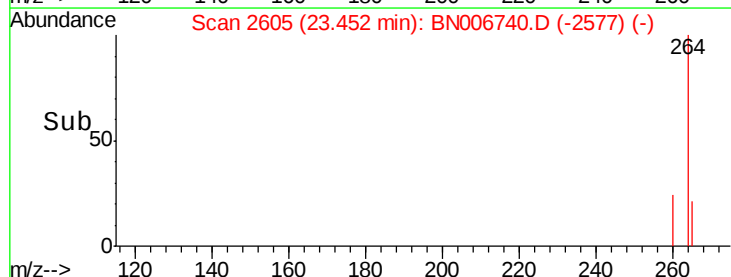
265 31.5 33.7 50.5#



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: 0.410 ng

RT: 22.78 min Scan# 2410

Delta R.T. -0.05 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

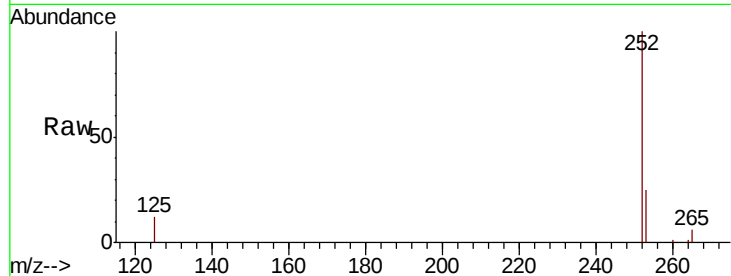
Tgt Ion:252 Resp: 22351

Ion Ratio Lower Upper

252 100

253 24.7 20.2 30.2

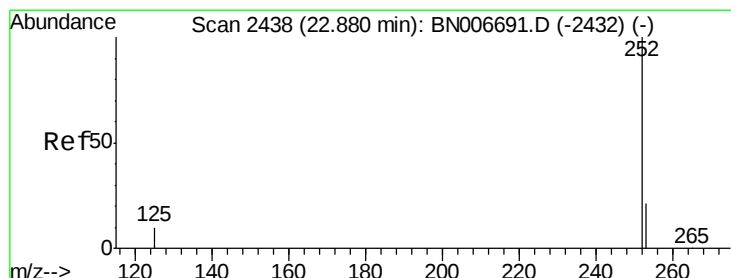
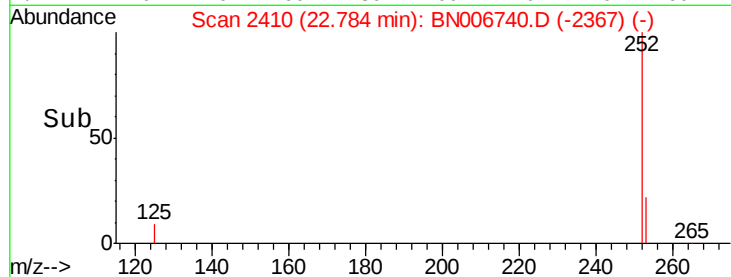
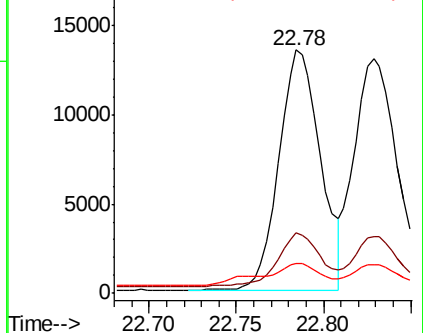
125 12.2 11.5 17.3



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: 0.398 ng

RT: 22.83 min Scan# 2423

Delta R.T. -0.05 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

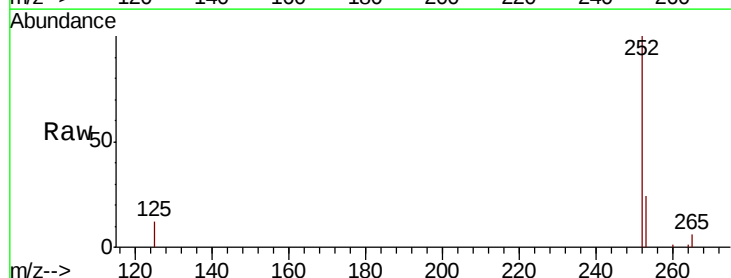
Tgt Ion:252 Resp: 23548

Ion Ratio Lower Upper

252 100

253 24.5 20.1 30.1

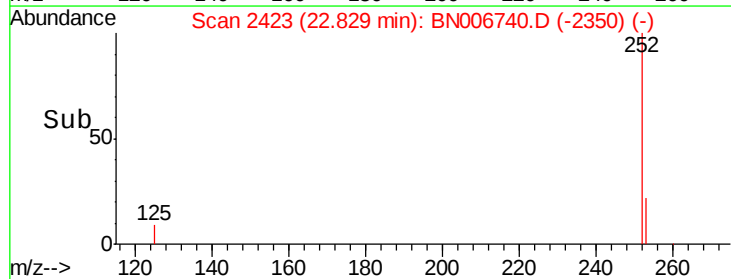
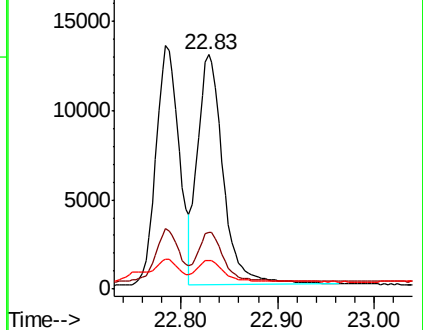
125 12.4 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.35 min Scan# 2576

Delta R.T. -0.06 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS

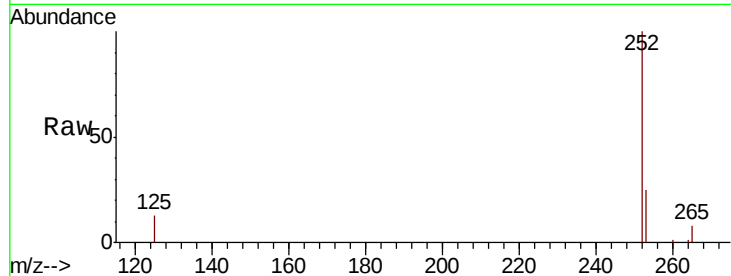
Tgt Ion:252 Resp: 21564

Ion Ratio Lower Upper

252 100

253 25.3 21.4 32.2

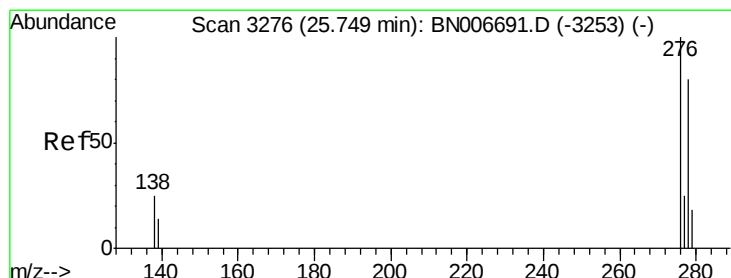
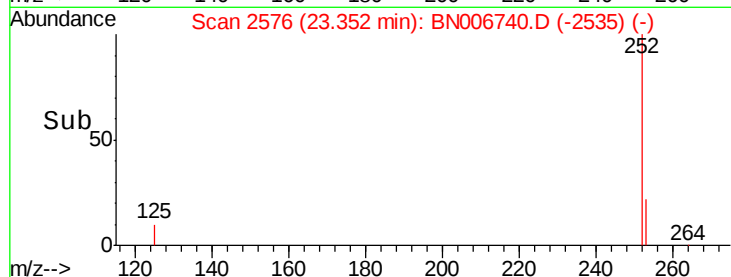
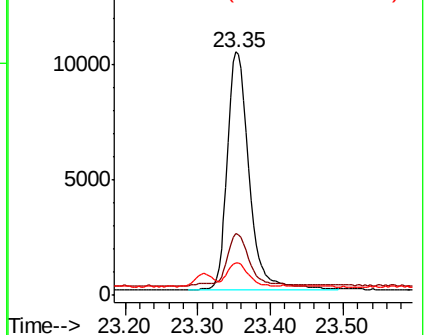
125 13.4 13.3 19.9



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: 0.398 ng

RT: 25.67 min Scan# 3254

Delta R.T. -0.08 min

Lab File: BN006740.D

Acq: 06 Jul 2019 05:52

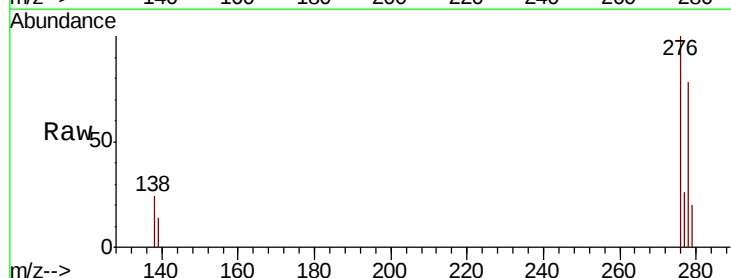
Tgt Ion:278 Resp: 20904

Ion Ratio Lower Upper

278 100

139 17.8 16.2 24.4

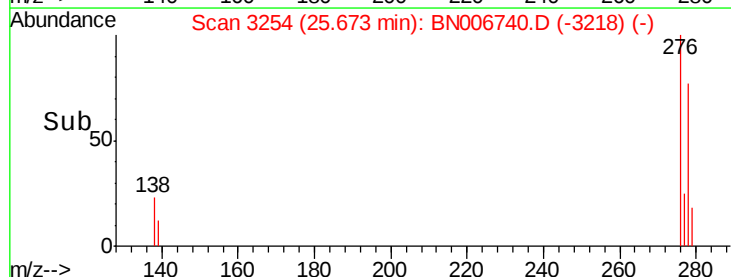
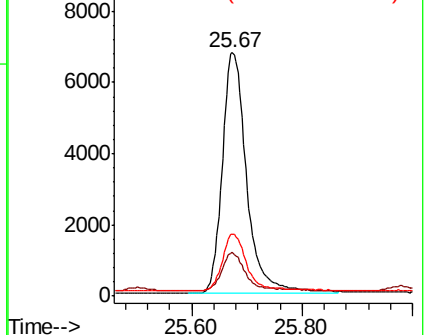
279 25.2 20.7 31.1



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: 0.415 ng

RT: 26.35 min Scan# 3453

Delta R.T. -0.08 min

Lab File: BN006740.D

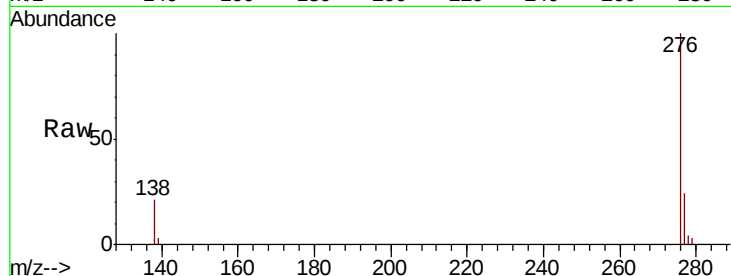
Acq: 06 Jul 2019 05:52

Instrument :

BNA_N

ClientSampleId :

MWHR2-6-070119MS



Tgt Ion: 276 Resp: 22428

Ion Ratio Lower Upper

276 100

277 24.4 20.6 30.8

138 21.1 19.7 29.5

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

