

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006709.D
 Acq On : 05 Jul 2019 11:22
 Operator : HP/JU
 Sample : K3504-16DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW140-062019DL

Quant Time: Jul 05 22:49:12 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	2809	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	11660	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	7227	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	16245	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	16529	0.40	ng	-0.03
34) Perylene-d12	23.45	264	19013	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	346	0.05	ng	0.00
5) Phenol-d6	6.84	99	411	0.04	ng	0.00
8) Nitrobenzene-d5	8.82	82	374	0.04	ng	0.03
11) 2-Methylnaphthalene-d10	11.98	152	864	0.05	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	174	0.05	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	1210	0.04	ng	-0.02
25) Fluoranthene-d10	19.05	212	2177	0.05	ng	-0.03
29) Terphenyl-d14	19.66	244	1607	0.04	ng	-0.02

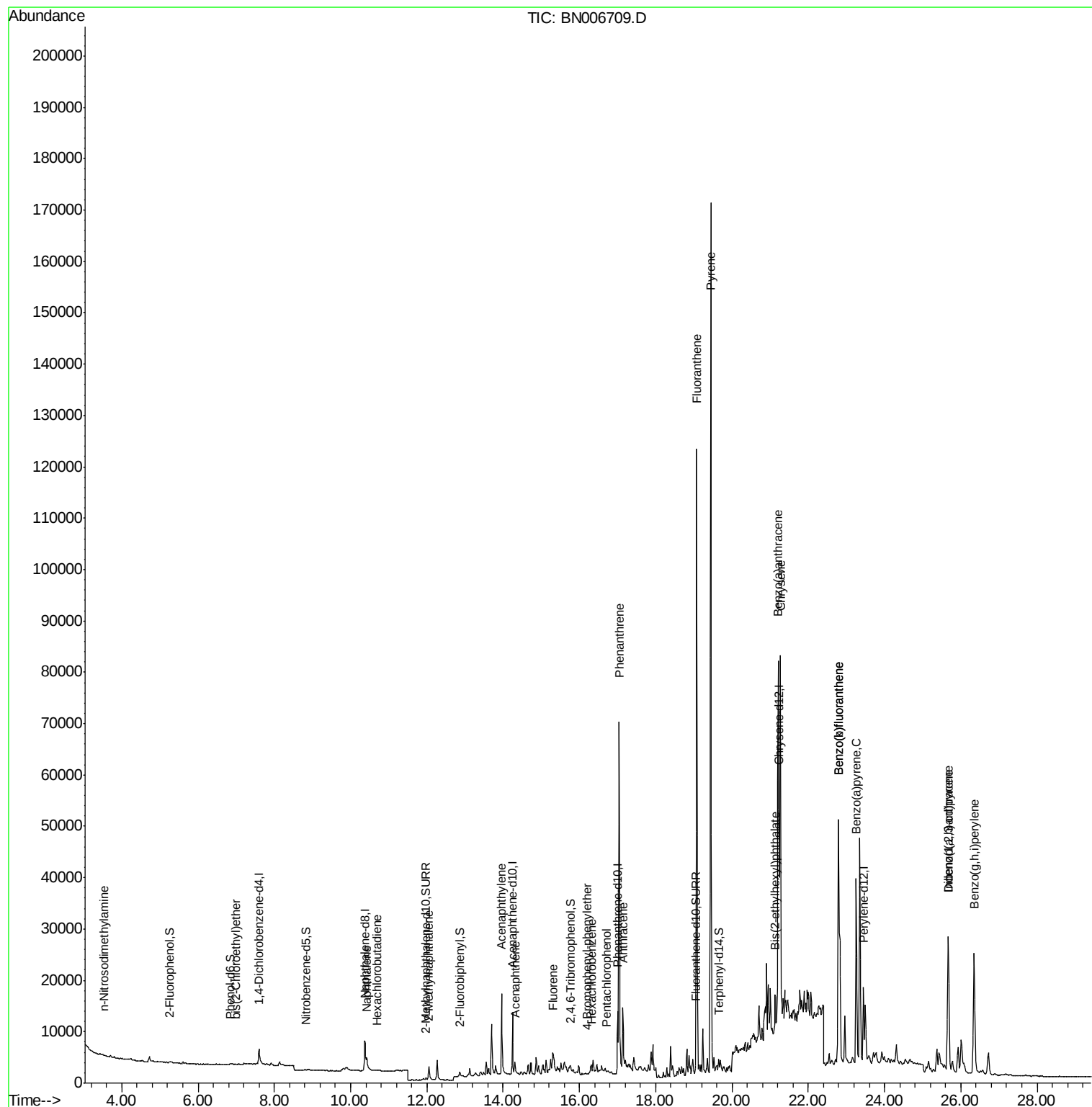
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.54	42	17	0.005	ng	# 1
6) bis(2-Chloroethyl)ether	6.99	93	46	0.006	ng	# 22
9) Naphthalene	10.41	128	3945	0.124	ng	# 88
10) Hexachlorobutadiene	10.69	225	11	0.002	ng	# 30
12) 2-Methylnaphthalene	12.05	142	3043	0.102	ng	# 96
16) Acenaphthylene	13.96	152	21370	0.593	ng	99
17) Acenaphthene	14.31	154	1505	0.066	ng	# 92
18) Fluorene	15.31	166	3616	0.127	ng	# 78
20) 4-Bromophenyl-phenylether	16.20	248	13	0.001	ng	# 1
21) Hexachlorobenzene	16.32	284	34	0.003	ng	# 43
22) Pentachlorophenol	16.72	266	22	0.125	ng	# 80
23) Phenanthrene	17.05	178	75380	1.610	ng	100
24) Anthracene	17.14	178	15649	0.370	ng	# 95
26) Fluoranthene	19.08	202	114400	2.081	ng	99
28) Pyrene	19.44	202	151452	2.290	ng	97
30) Benzo(a)anthracene	21.22	228	64025	1.123	ng	93
31) Chrysene	21.27	228	71928	1.224	ng	97
32) Bis(2-ethylhexyl)phthalate	21.13	149	5384	0.032	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.67	276	41993	0.598	ng	# 94
35) Benzo(b)fluoranthene	22.79	252	80478	1.319	ng	96
36) Benzo(k)fluoranthene	22.79	252	80478	1.216	ng	96
37) Benzo(a)pyrene	23.26	252	47303	0.800	ng	97
38) Dibenzo(a,h)anthracene	25.67	278	11380	0.194	ng	# 84
39) Benzo(g,h,i)perylene	26.35	276	47806	0.791	ng	96

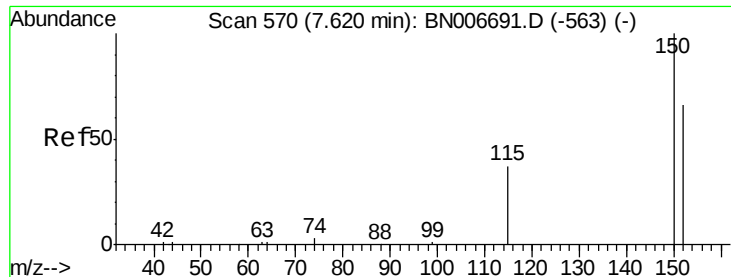
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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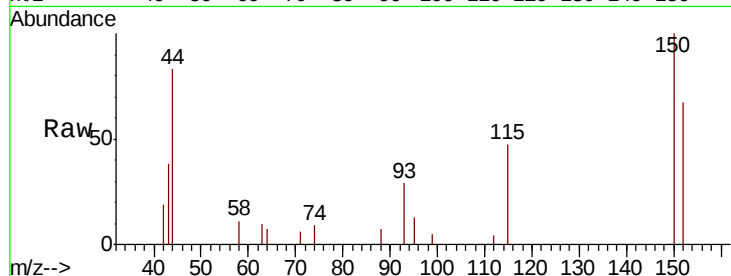


#1

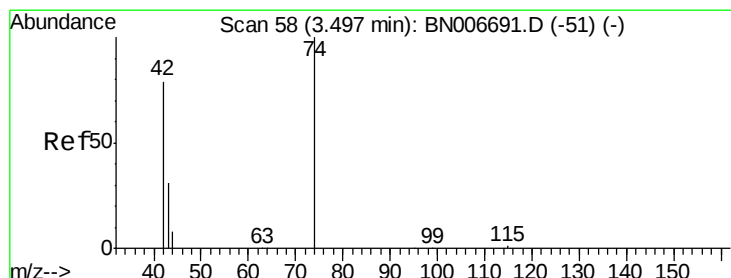
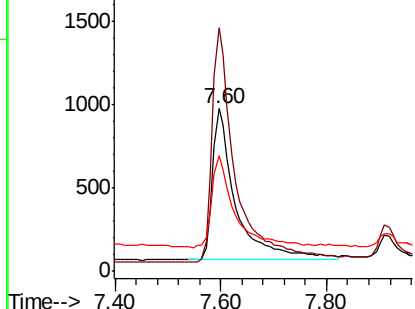
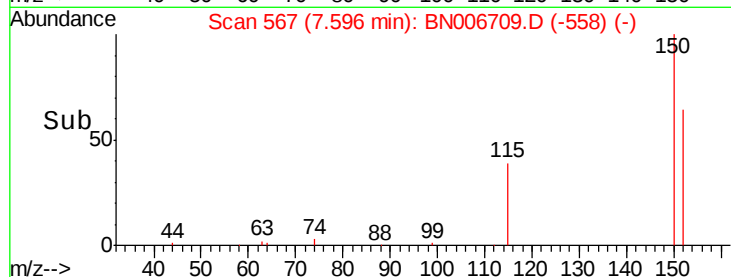
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.60 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BN006709.D
 Acq: 05 Jul 2019 11:22

Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW140-062019DL

Tgt Ion: 152 Resp: 2809
 Ion Ratio Lower Upper
 152 100
 150 149.6 120.6 181.0
 115 71.0 51.0 76.6



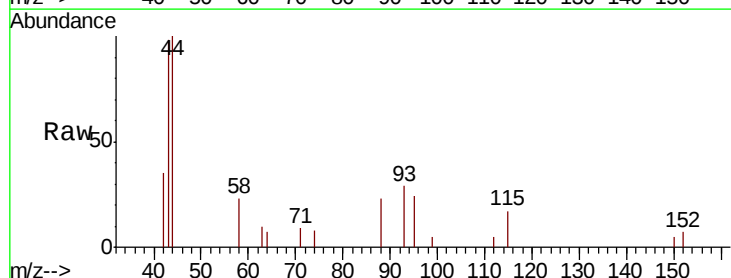
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



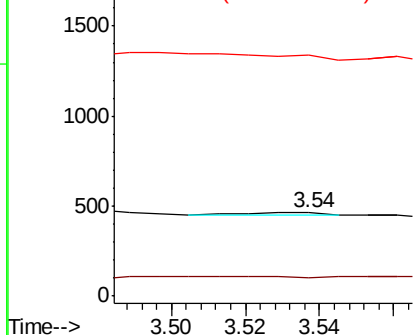
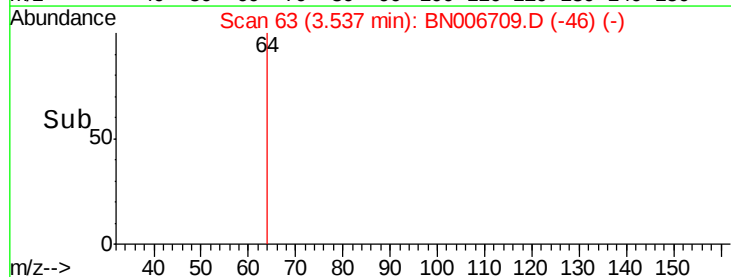
#3

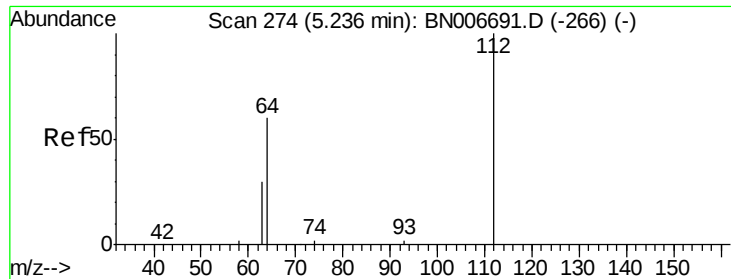
n-Nitrosodimethylamine
 Concen: 0.005 ng
 RT: 3.54 min Scan# 63
 Delta R.T. 0.04 min
 Lab File: BN006709.D
 Acq: 05 Jul 2019 11:22

Tgt Ion: 42 Resp: 17
 Ion Ratio Lower Upper
 42 100
 74 0.0 106.6 160.0#
 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: 0.045 ng

RT: 5.24 min Scan# 275

Delta R.T. 0.01 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW140-062019DL

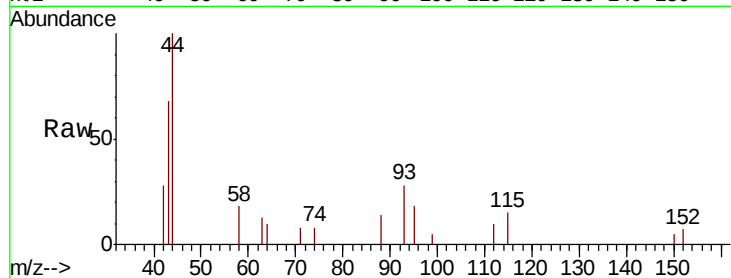
Tgt Ion: 112 Resp: 346

Ion Ratio Lower Upper

112 100

64 69.9 49.8 74.6

63 46.0 25.8 38.6#

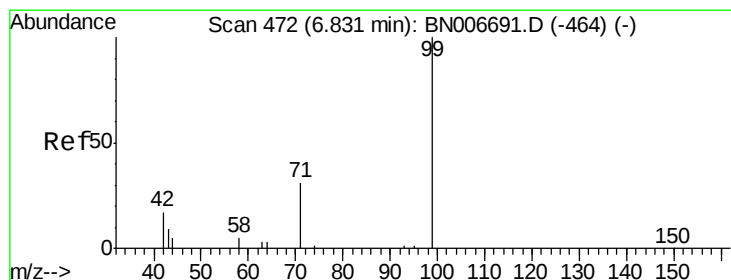
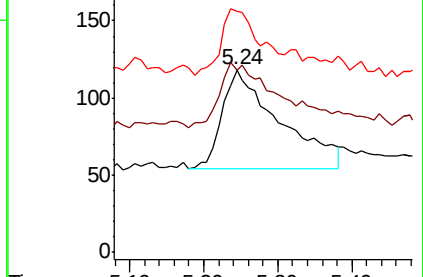
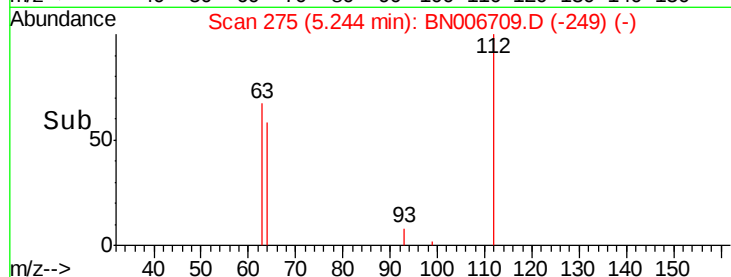


Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

Time-->



#5

Phenol-d6

Concen: 0.043 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

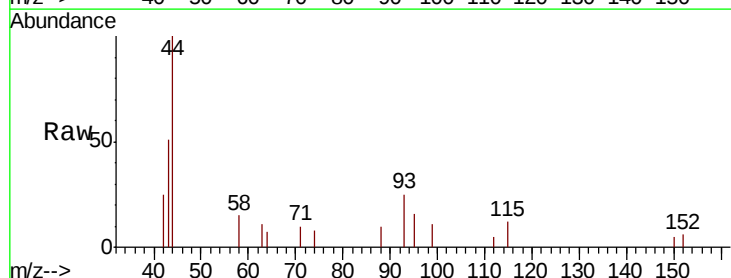
Tgt Ion: 99 Resp: 411

Ion Ratio Lower Upper

99 100

42 20.0 16.6 25.0

71 26.5 26.0 39.0

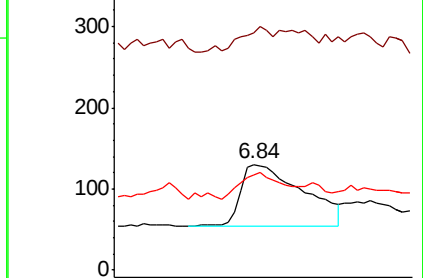
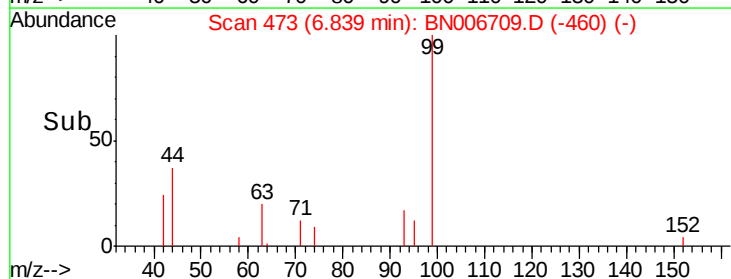


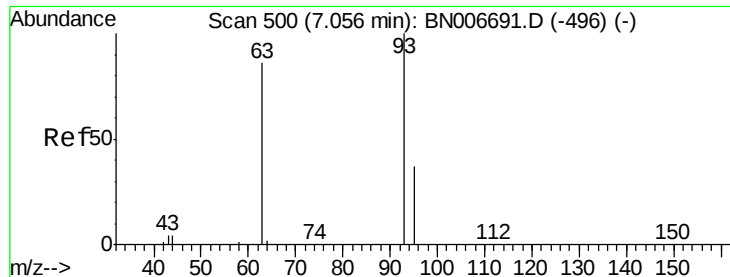
Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.006 ng

RT: 6.99 min Scan# 492

Delta R.T. -0.06 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Instrument :

BNA_N

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EXT-009-SW140-062019DL

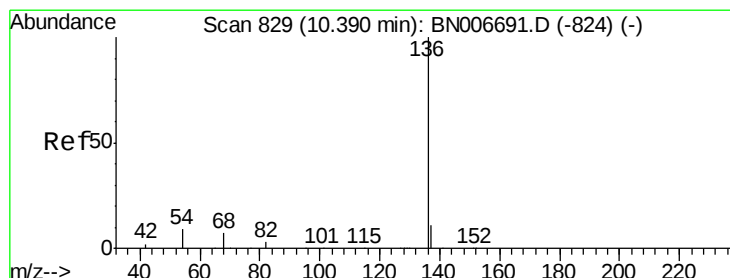
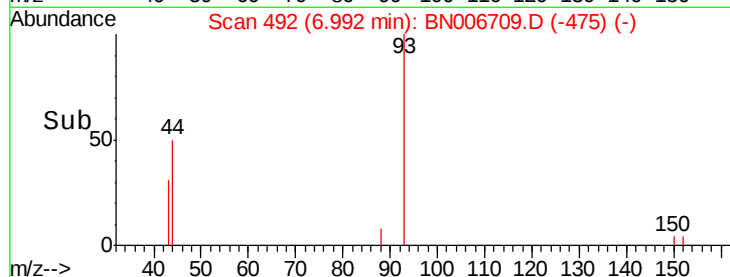
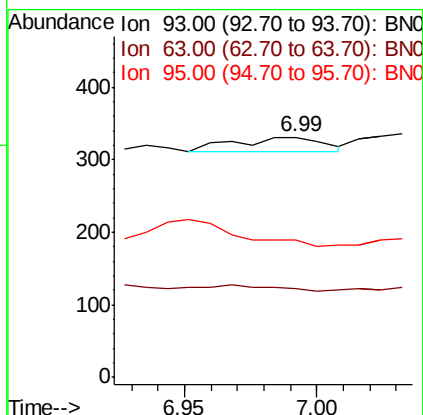
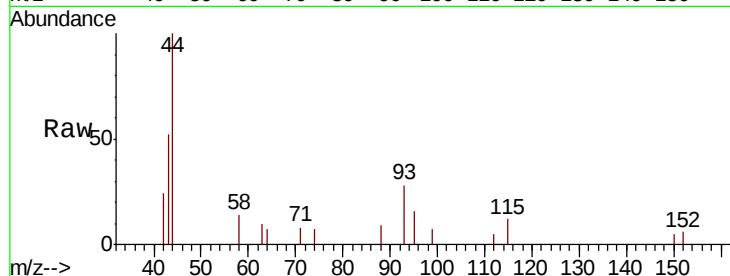
Tgt Ion: 93 Resp: 46

Ion Ratio Lower Upper

93 100

63 0.0 58.6 87.8#

95 0.0 28.3 42.5#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Tgt Ion: 136 Resp: 11660

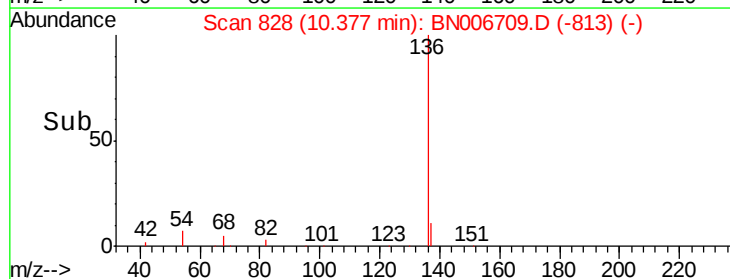
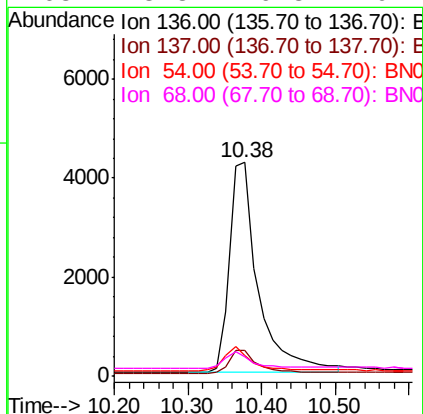
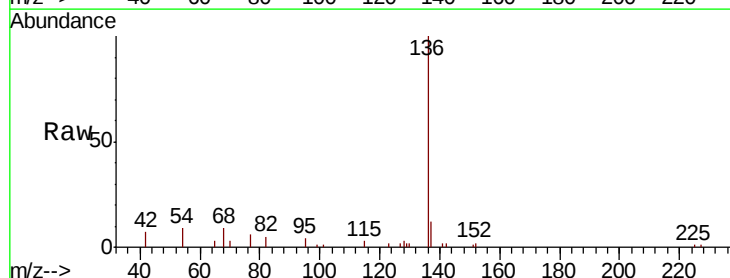
Ion Ratio Lower Upper

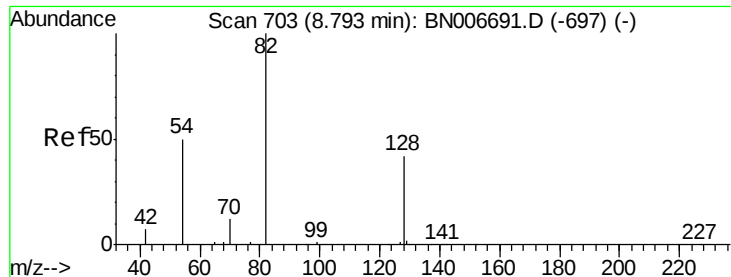
136 100

137 12.1 9.3 13.9

54 9.3 8.4 12.6

68 8.8 6.8 10.2





#8

Nitrobenzene-d5

Concen: 0.042 ng

RT: 8.82 min Scan# 705

Delta R.T. 0.03 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Instrument :

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EXT-009-SW140-062019DL

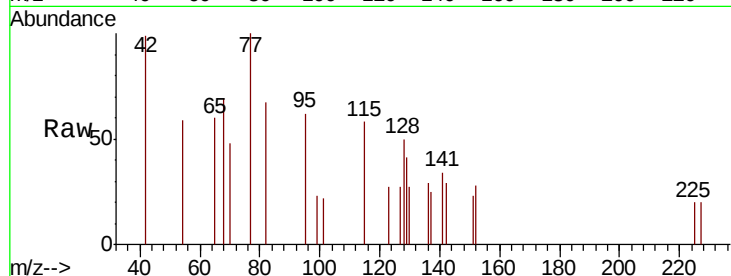
Tgt Ion: 82 Resp: 374

Ion Ratio Lower Upper

82 100

128 74.9 36.1 54.1#

54 87.4 44.5 66.7#

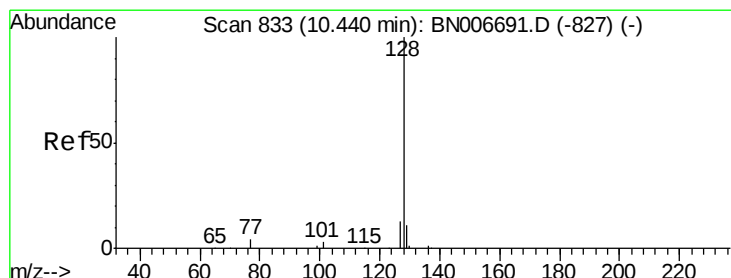
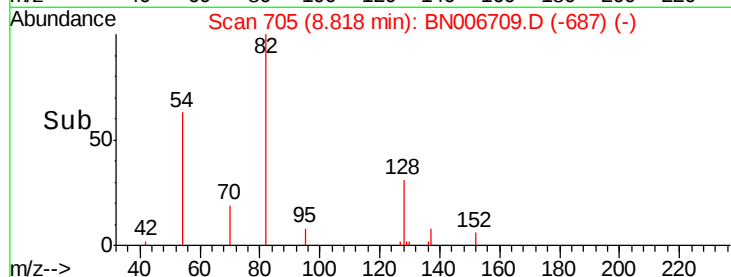
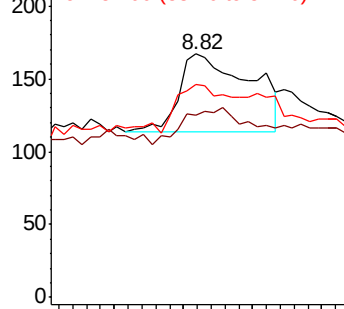


Abundance

Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#9

Naphthalene

Concen: 0.124 ng

RT: 10.41 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

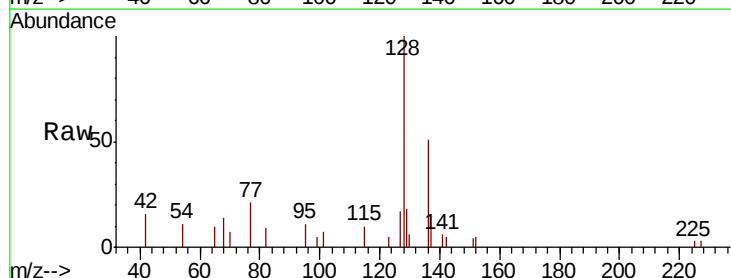
Tgt Ion: 128 Resp: 3945

Ion Ratio Lower Upper

128 100

129 18.0 9.6 14.4#

127 16.9 11.0 16.4#

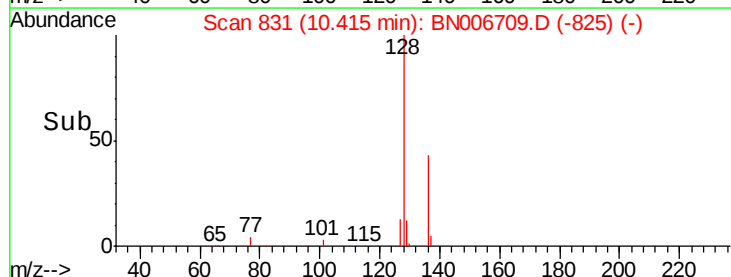
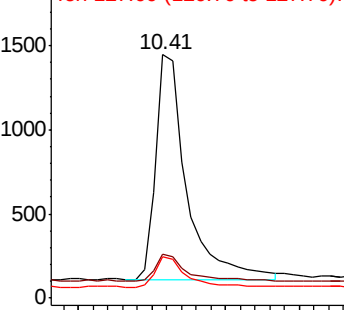


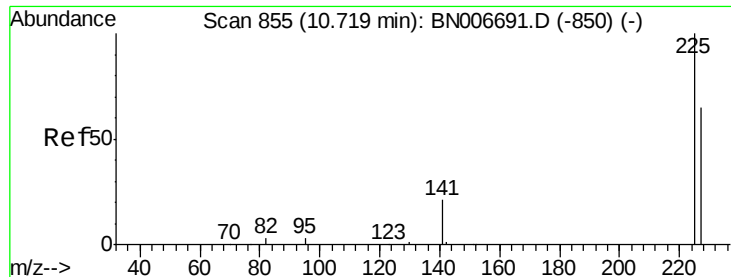
Abundance

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

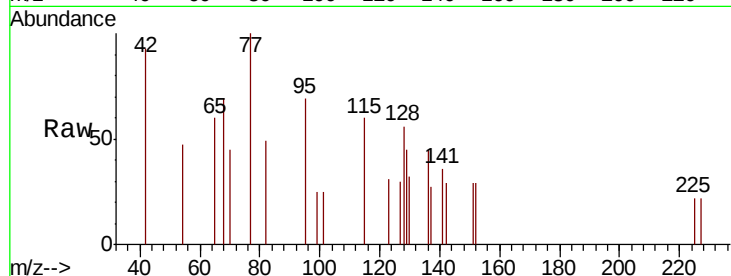




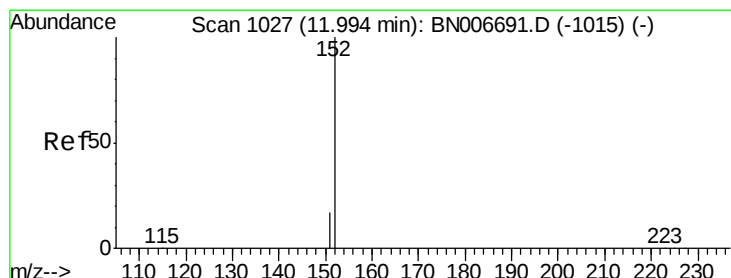
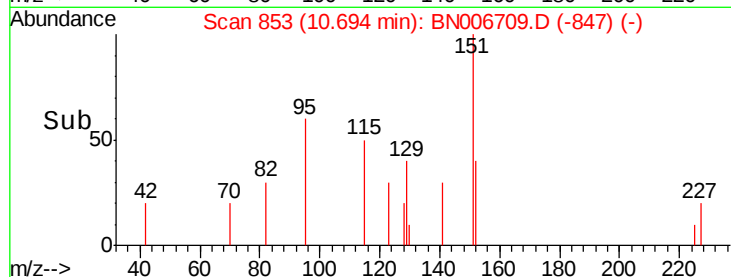
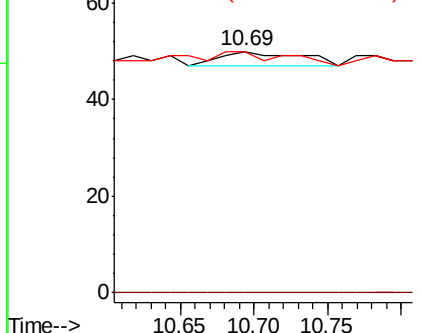
#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006709.D
Acq: 05 Jul 2019 11:22

Instrument :
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Tgt Ion: 225 Resp: 11
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 118.2 50.9 76.3#

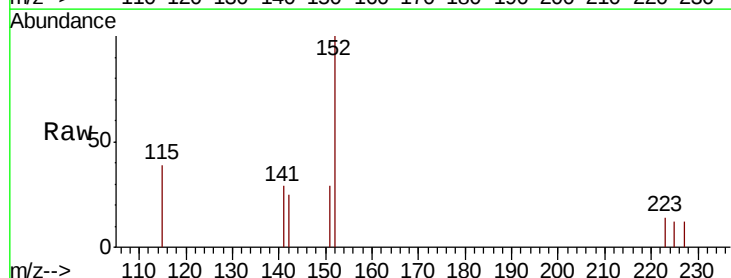


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

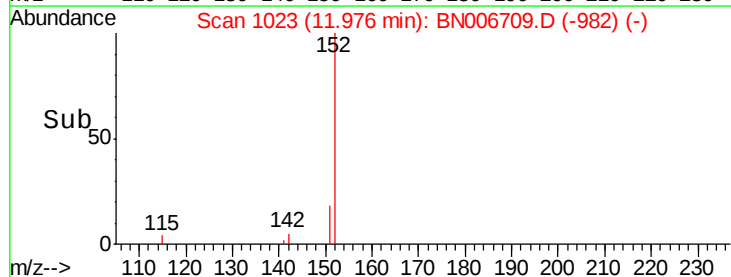
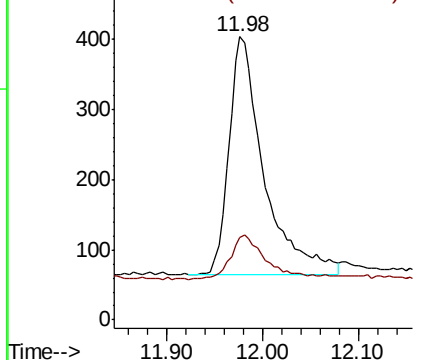


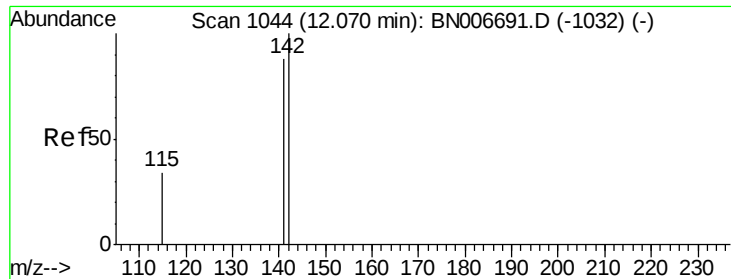
#11
2-Methylnaphthalene-d10
Concen: 0.049 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006709.D
Acq: 05 Jul 2019 11:22

Tgt Ion: 152 Resp: 864
Ion Ratio Lower Upper
152 100
151 19.0 14.9 22.3



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

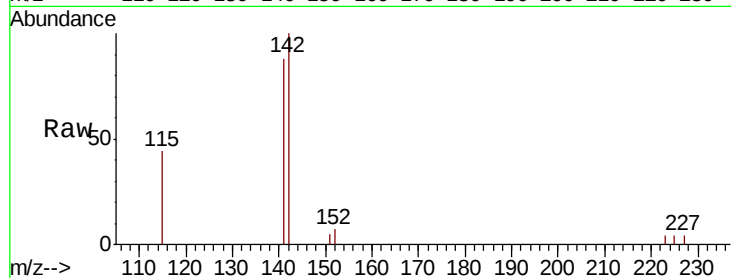




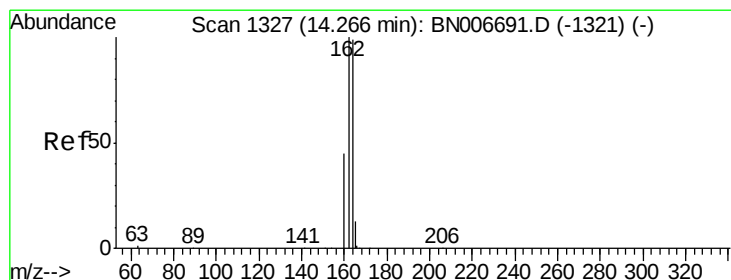
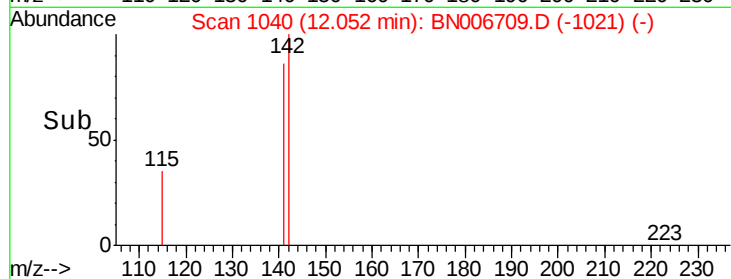
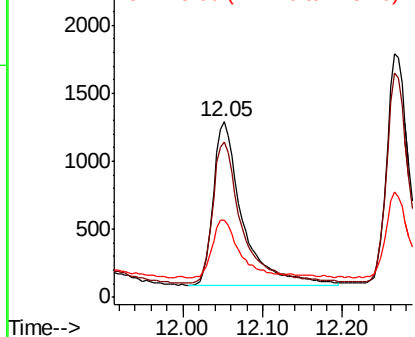
#12
2-Methylnaphthalene
Concen: 0.102 ng
RT: 12.05 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BN006709.D
Acq: 05 Jul 2019 11:22

Instrument :
BNA_N
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EXT-009-SW140-062019DL

Tgt Ion:142 Resp: 3043
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 43.7 28.9 43.3#

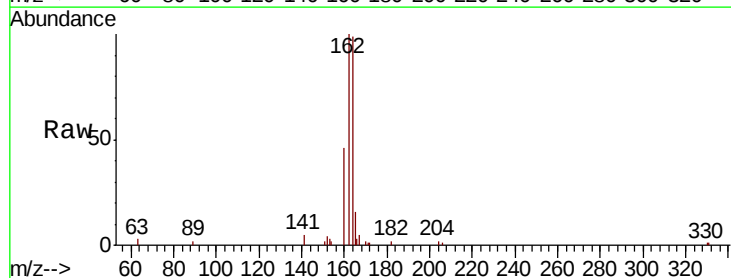


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

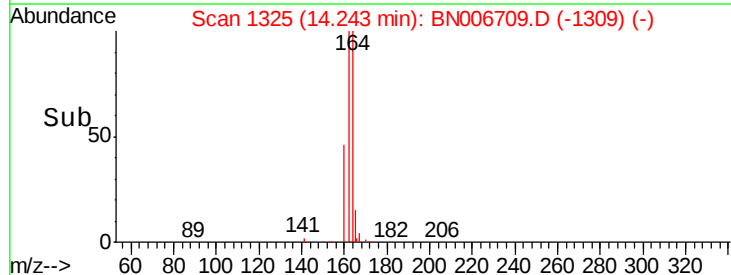
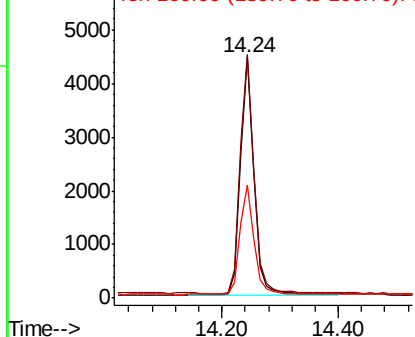


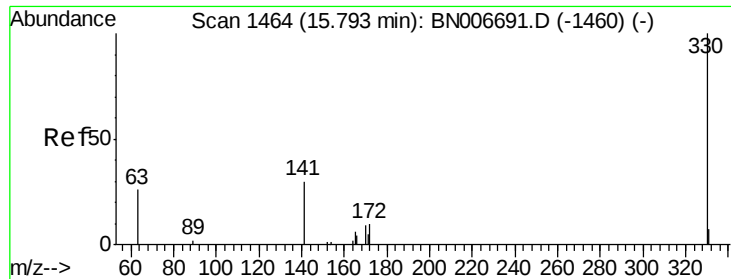
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006709.D
Acq: 05 Jul 2019 11:22

Tgt Ion:164 Resp: 7227
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 46.9 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: 0.049 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Instrument :

BNA_N

ClientSampleId :

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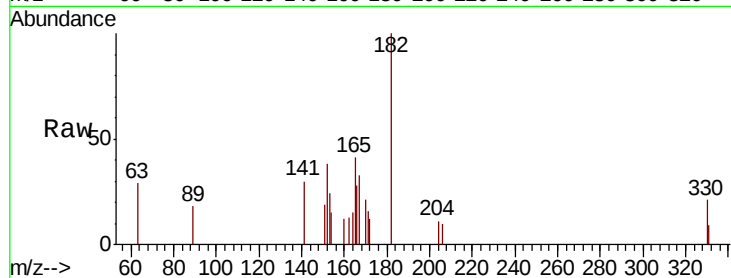
Tgt Ion:330 Resp: 174

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

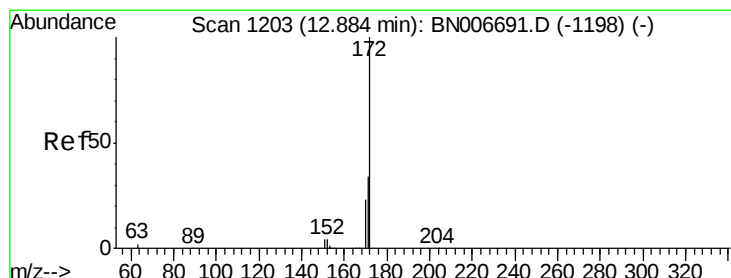
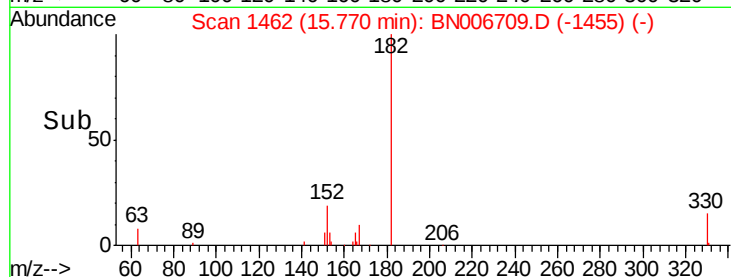
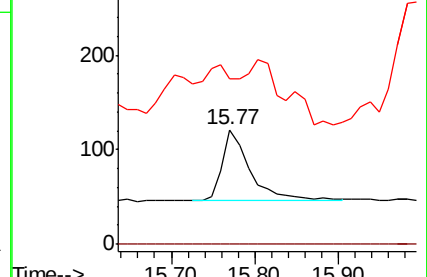
141 40.2 24.8 37.2#



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: 0.043 ng

RT: 12.86 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

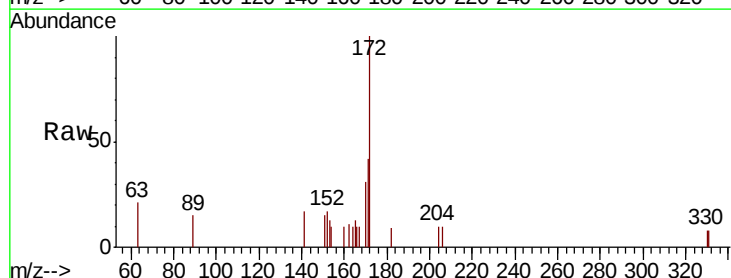
Tgt Ion:172 Resp: 1210

Ion Ratio Lower Upper

172 100

171 41.9 27.8 41.6#

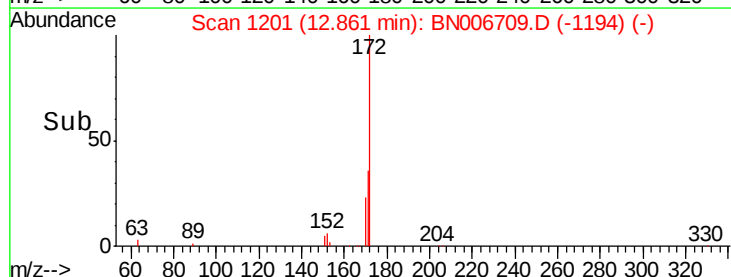
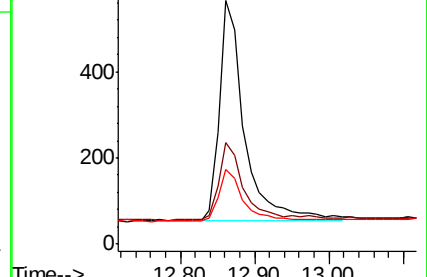
170 30.6 18.9 28.3#

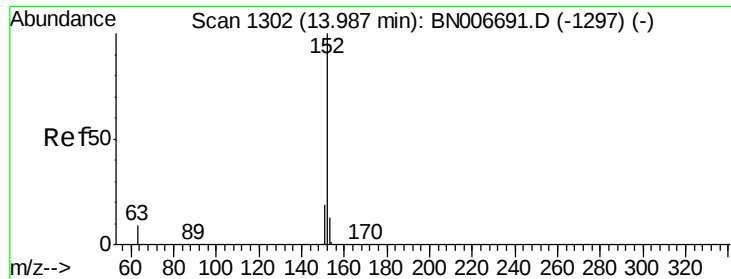


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.593 ng

RT: 13.96 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW140-062019DL

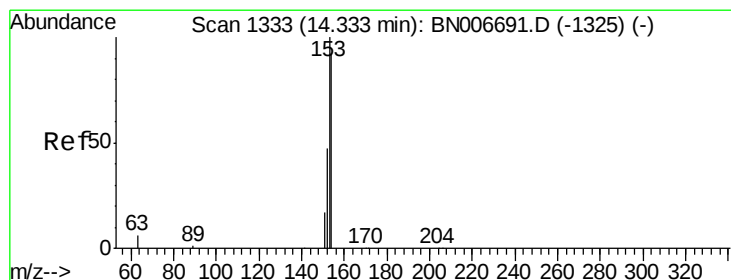
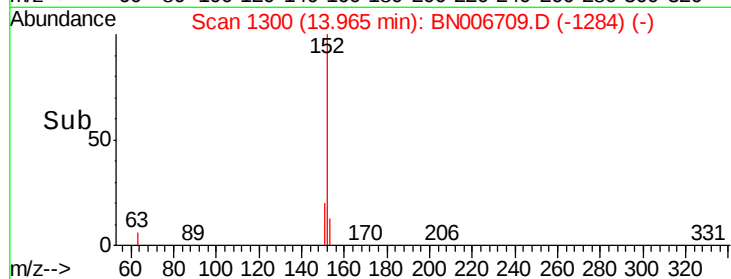
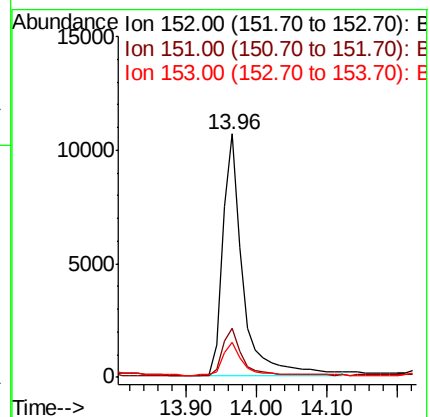
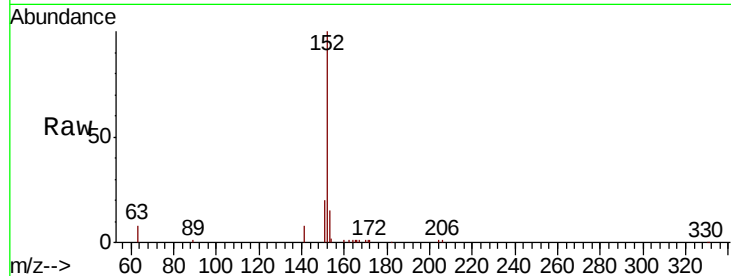
Tgt Ion:152 Resp: 21370

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.5 10.6 15.8



#17

Acenaphthene

Concen: 0.066 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

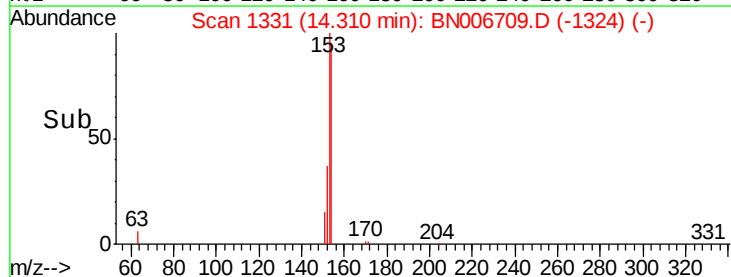
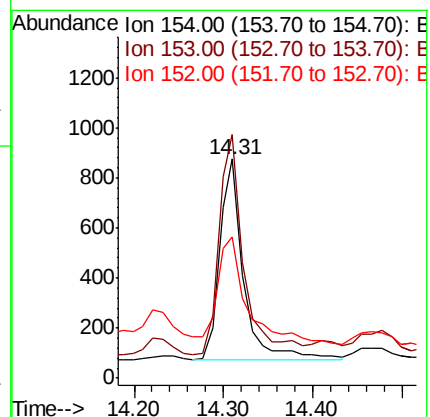
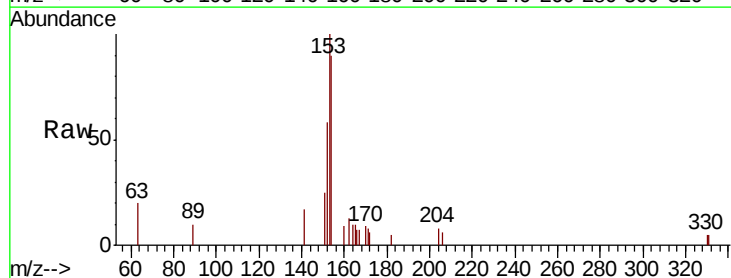
Tgt Ion:154 Resp: 1505

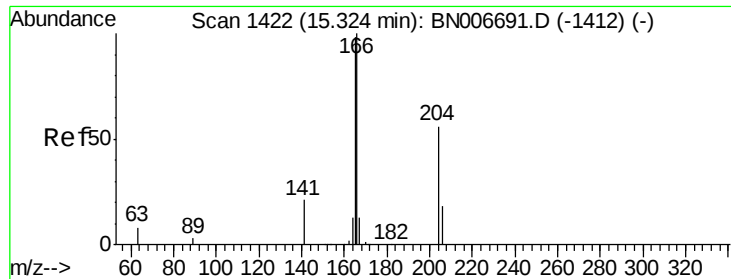
Ion Ratio Lower Upper

154 100

153 114.0 88.9 133.3

152 66.0 42.8 64.2#





#18

Fluorene

Concen: 0.127 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW140-062019DL

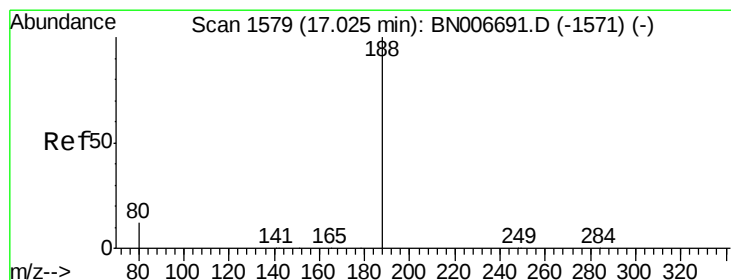
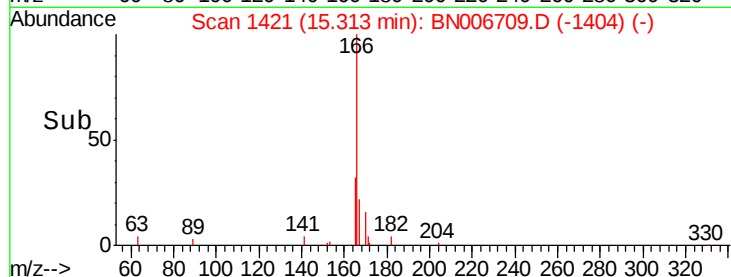
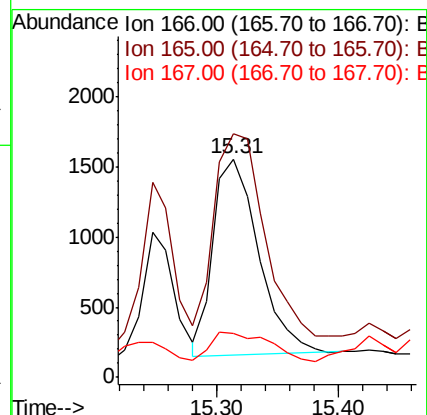
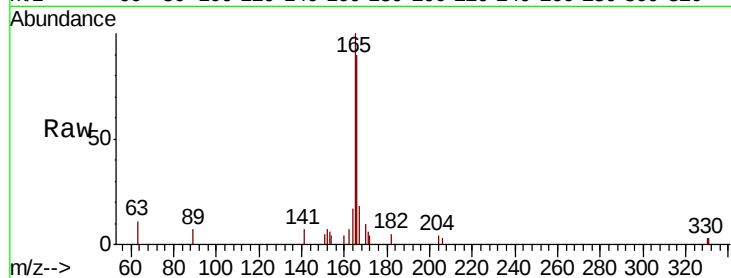
Tgt Ion:166 Resp: 3616

Ion Ratio Lower Upper

166 100

165 120.4 78.0 117.0#

167 18.7 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

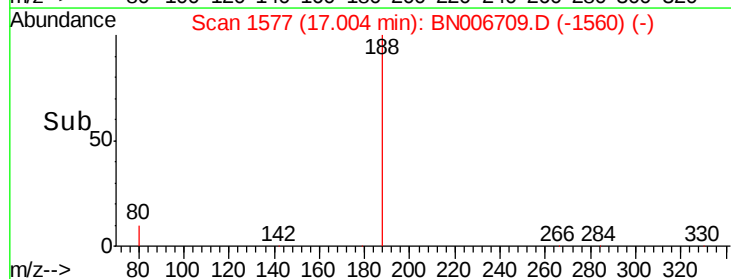
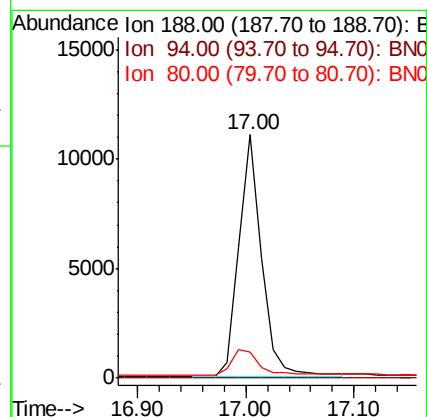
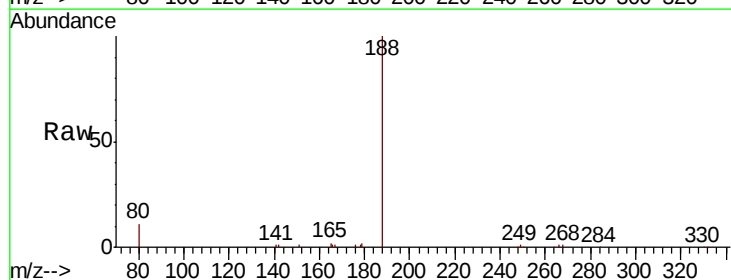
Tgt Ion:188 Resp: 16245

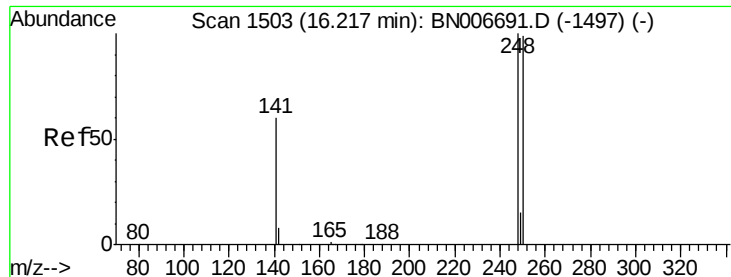
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 10.3 15.5





#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW140-062019DL

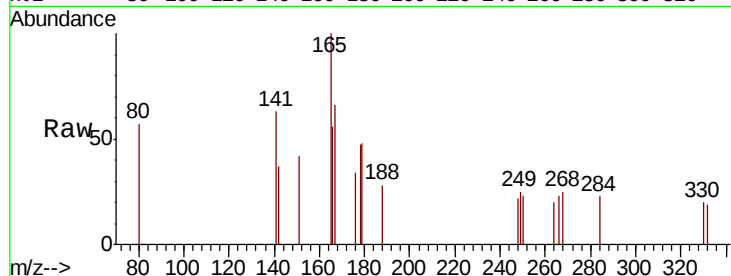
Tgt Ion:248 Resp: 13

Ion Ratio Lower Upper

248 100

250 105.8 79.0 118.6

141 282.7 50.2 75.4#

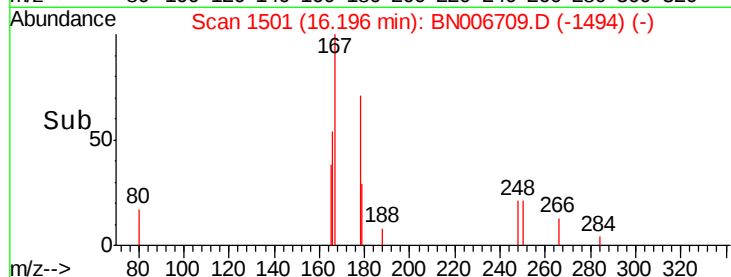


Abundance Ion 248.00 (247.70 to 248.70): E

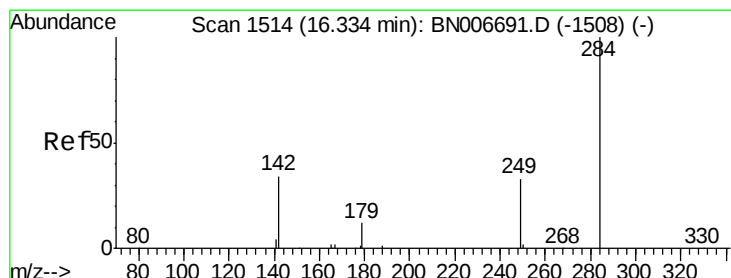
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.20



Time-->



#21

Hexachlorobenzene

Concen: 0.003 ng

RT: 16.32 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

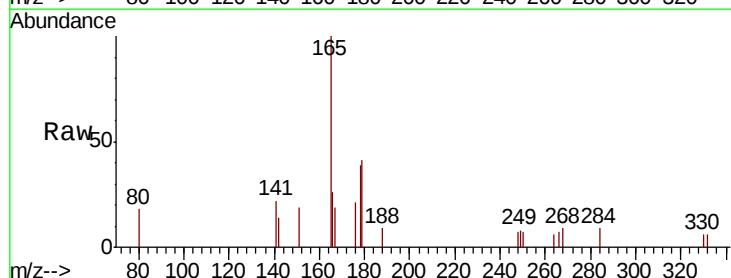
Tgt Ion:284 Resp: 34

Ion Ratio Lower Upper

284 100

142 0.0 26.9 40.3#

249 0.0 24.4 36.6#

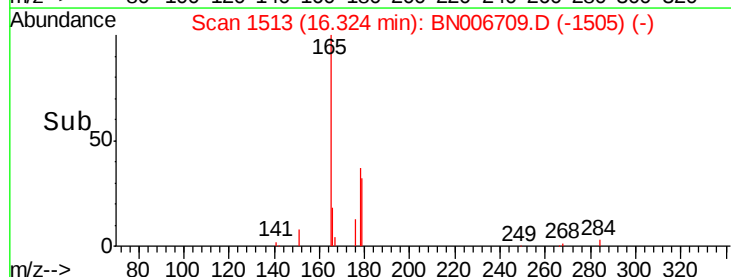


Abundance Ion 283.80 (283.50 to 284.50): E

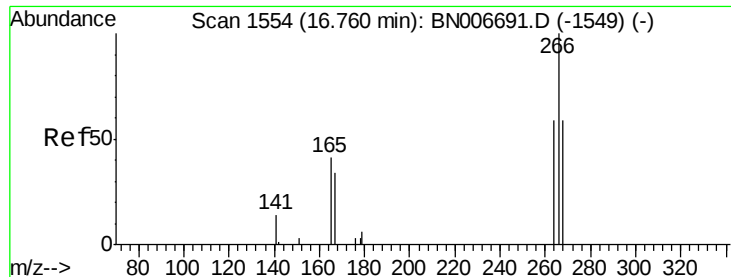
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.32



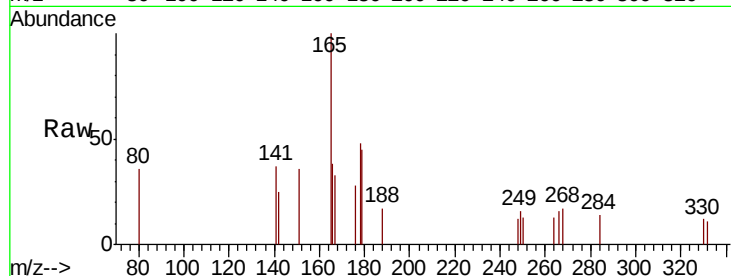
Time-->



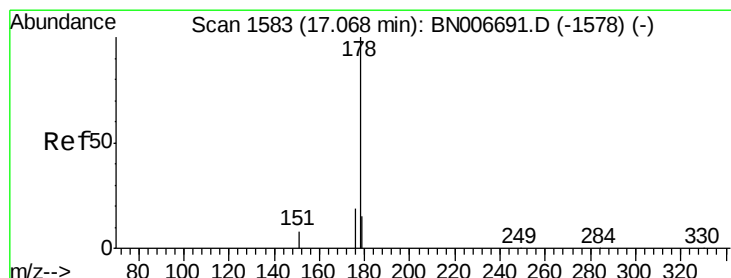
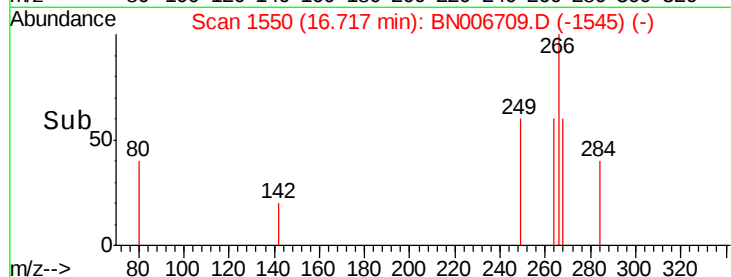
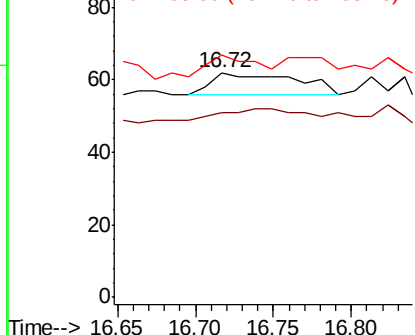
#22
 Pentachlorophenol
 Concen: 0.125 ng
 RT: 16.72 min Scan# 1550
 Delta R.T. -0.04 min
 Lab File: BN006709.D
 Acq: 05 Jul 2019 11:22

Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW140-062019DL

Tgt Ion: 266 Resp: 22
 Ion Ratio Lower Upper
 266 100
 264 82.3 57.6 86.4
 268 108.1 66.6 99.8#

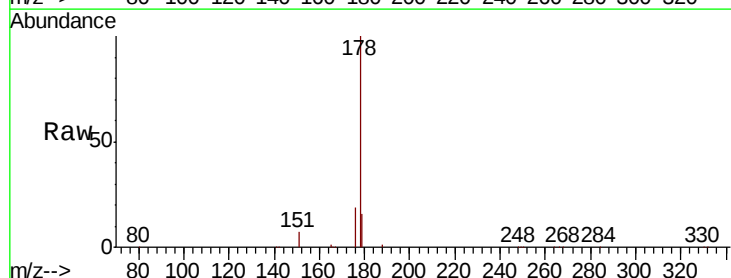


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

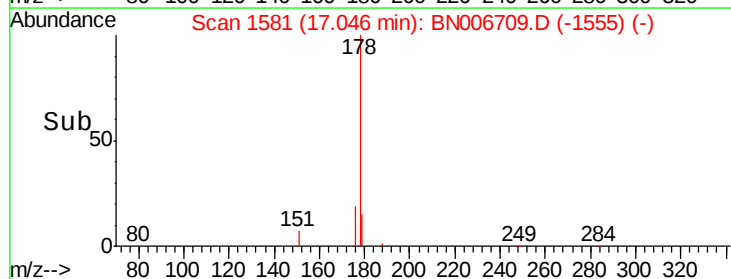
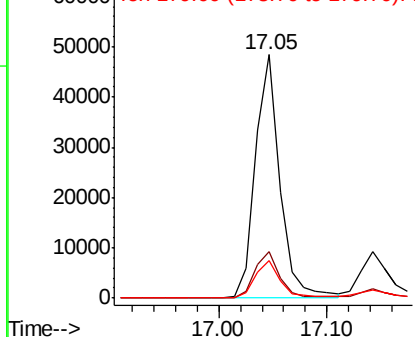


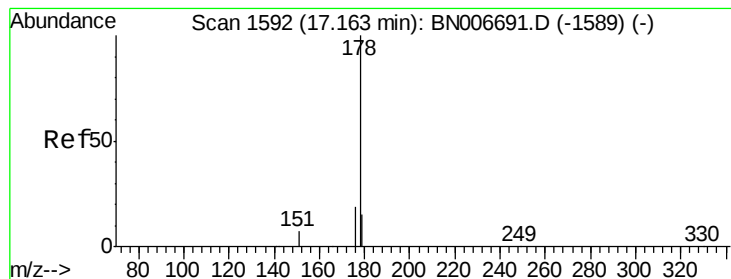
#23
 Phenanthrene
 Concen: 1.610 ng
 RT: 17.05 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BN006709.D
 Acq: 05 Jul 2019 11:22

Tgt Ion: 178 Resp: 75380
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.4 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: 0.370 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW140-062019DL

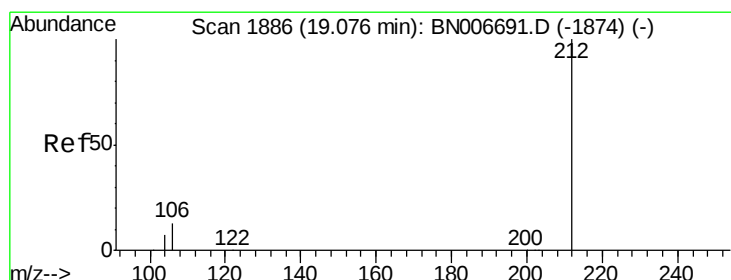
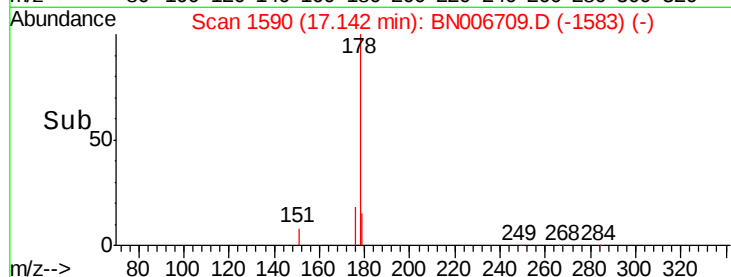
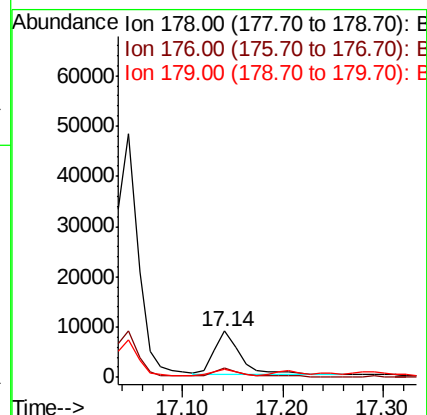
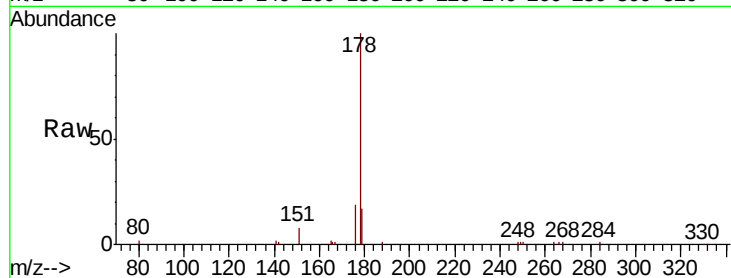
Tgt Ion:178 Resp: 15649

Ion Ratio Lower Upper

178 100

176 17.7 14.8 22.2

179 10.9 11.9 17.9#



#25

Fluoranthene-d10

Concen: 0.047 ng

RT: 19.05 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

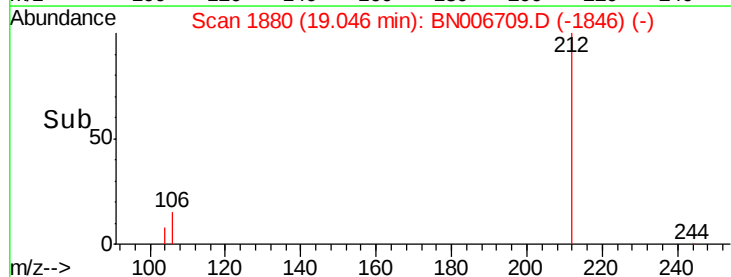
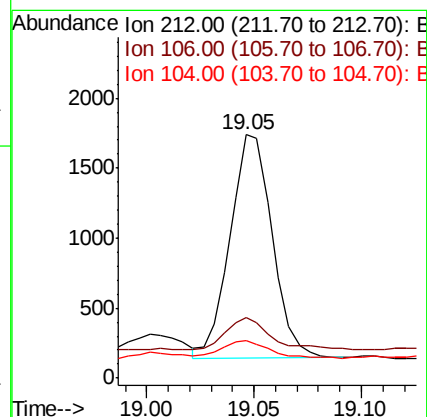
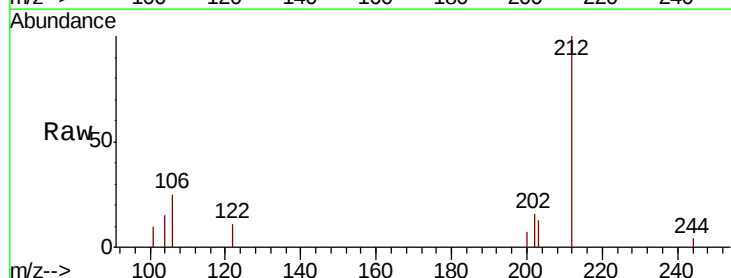
Tgt Ion:212 Resp: 2177

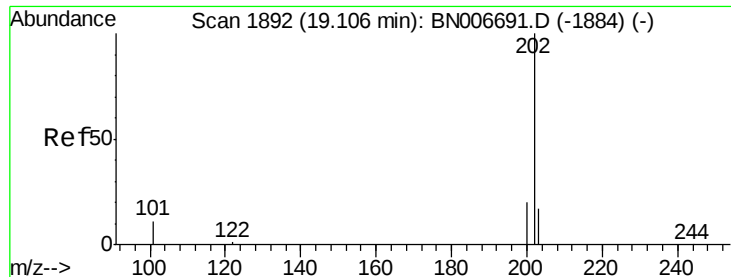
Ion Ratio Lower Upper

212 100

106 15.5 11.0 16.6

104 9.0 6.1 9.1

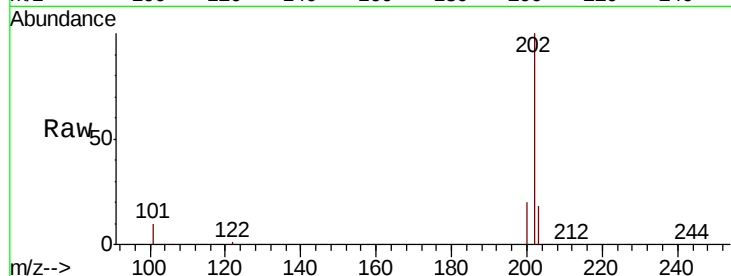




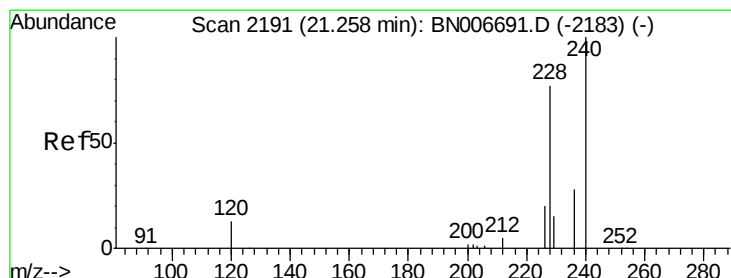
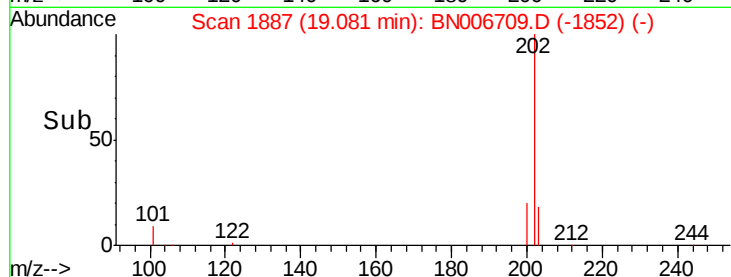
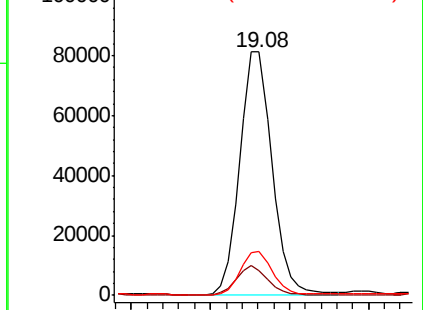
#26
 Fluoranthene
 Concen: 2.081 ng
 RT: 19.08 min Scan# 1887
 Delta R.T. -0.02 min
 Lab File: BN006709.D
 Acq: 05 Jul 2019 11:22

Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW140-062019DL

Tgt Ion: 202 Resp: 114400
 Ion Ratio Lower Upper
 202 100
 101 11.4 8.7 13.1
 203 17.7 13.8 20.6

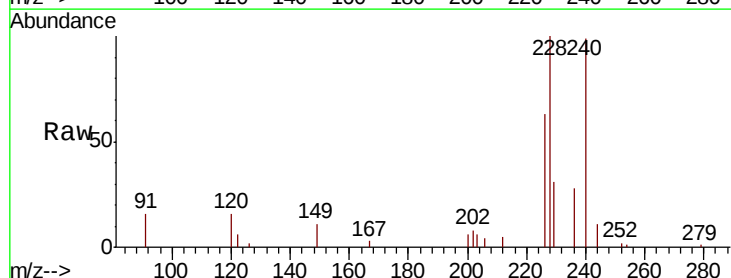


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

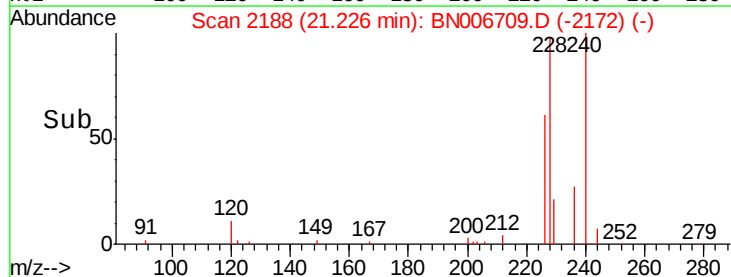
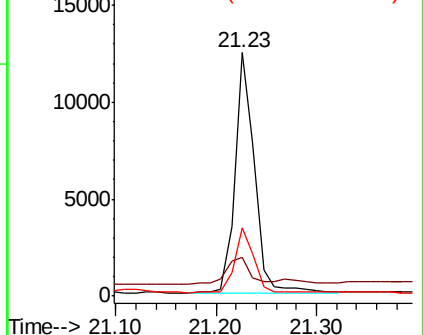


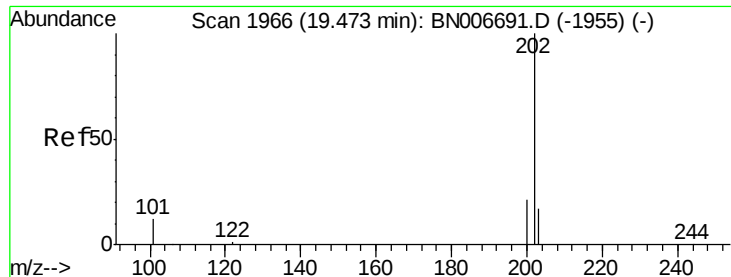
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.23 min Scan# 2188
 Delta R.T. -0.03 min
 Lab File: BN006709.D
 Acq: 05 Jul 2019 11:22

Tgt Ion: 240 Resp: 16529
 Ion Ratio Lower Upper
 240 100
 120 16.0 12.9 19.3
 236 28.1 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: 2.290 ng

RT: 19.44 min Scan# 1960

Delta R.T. -0.03 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW140-062019DL

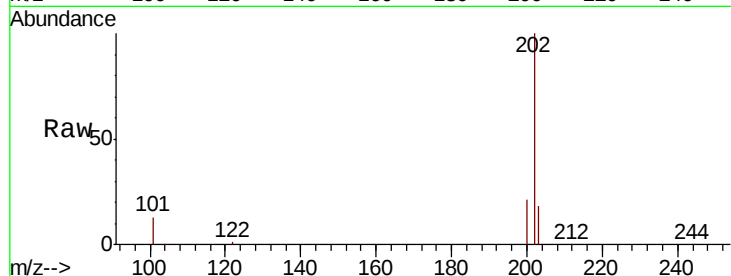
Tgt Ion:202 Resp: 151452

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

203 20.0 14.2 21.2

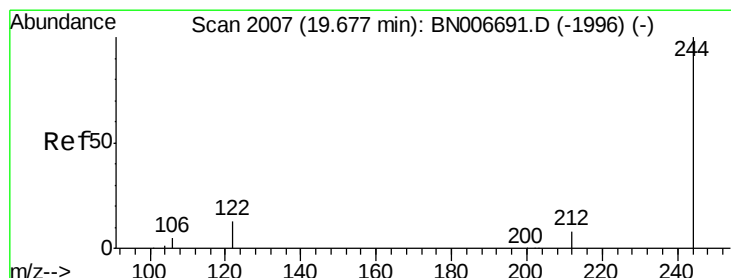
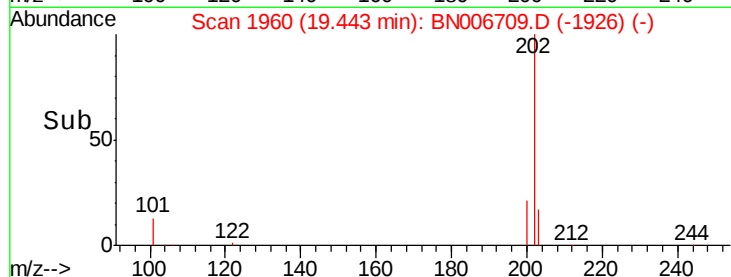
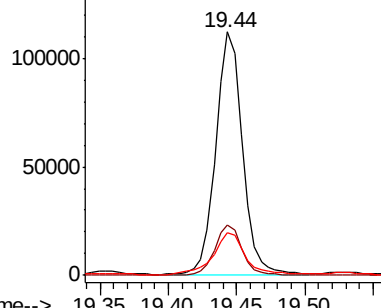


Abundance

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: 0.042 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

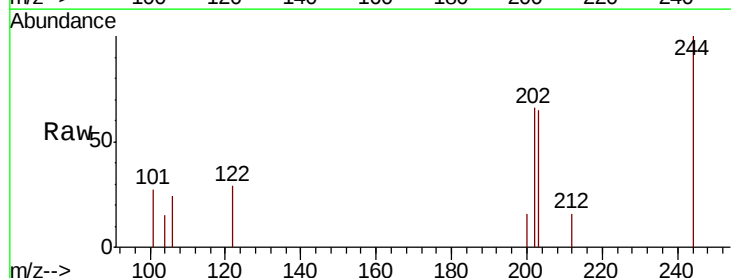
Tgt Ion:244 Resp: 1607

Ion Ratio Lower Upper

244 100

212 15.9 7.0 10.4#

122 29.4 11.5 17.3#

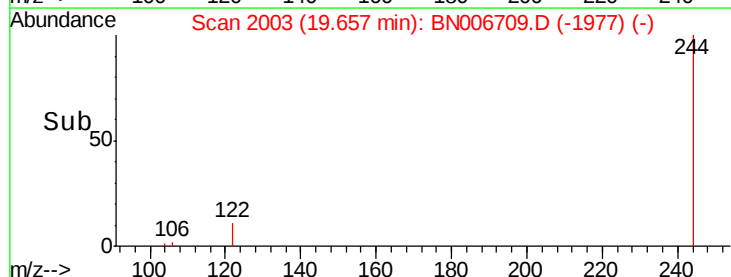
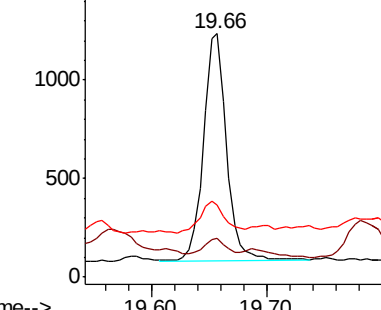


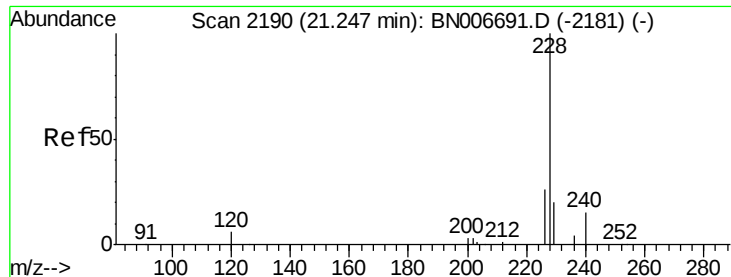
Abundance

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: 1.123 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW140-062019DL

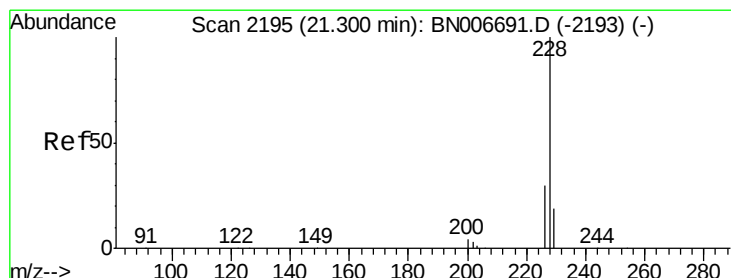
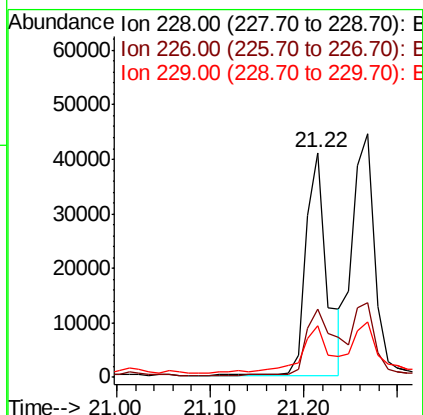
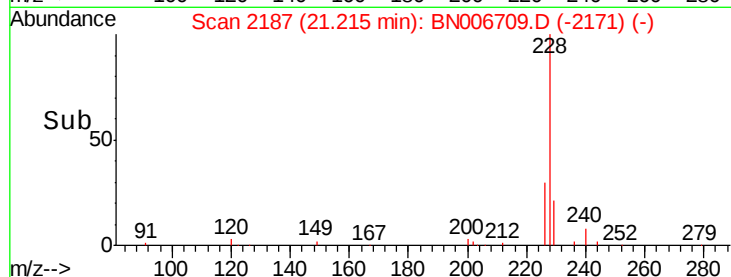
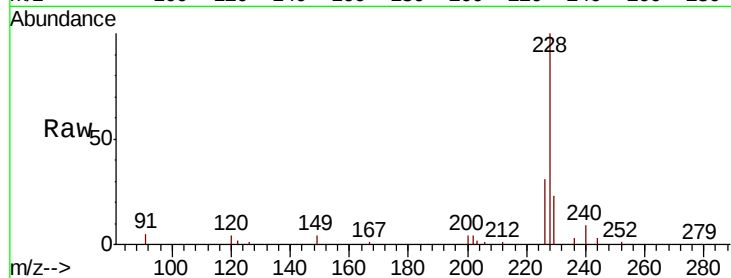
Tgt Ion:228 Resp: 64025

Ion Ratio Lower Upper

228 100

226 30.5 21.5 32.3

229 23.3 16.2 24.4



#31

Chrysene

Concen: 1.224 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

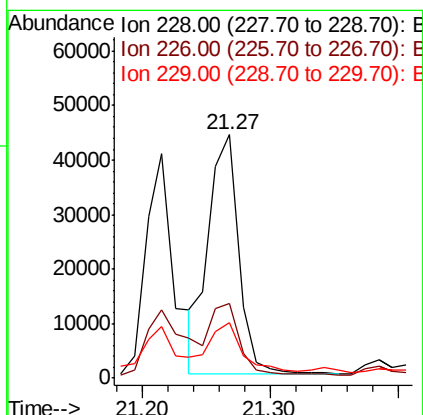
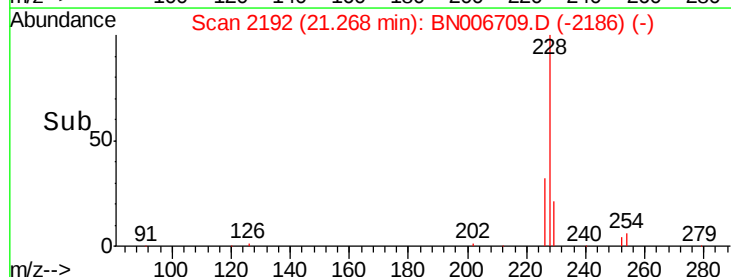
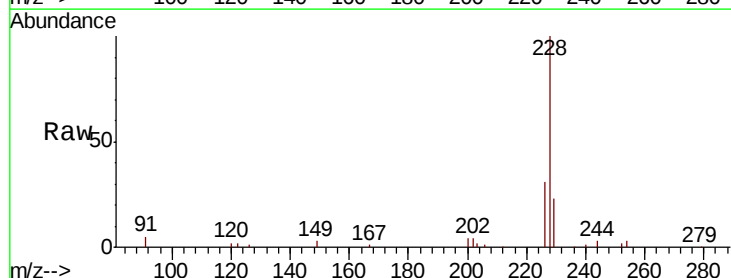
Tgt Ion:228 Resp: 71928

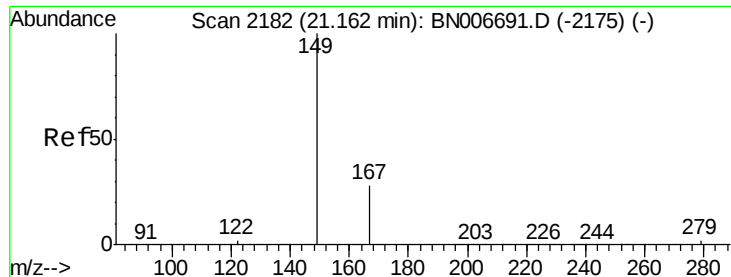
Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

229 22.7 15.8 23.6

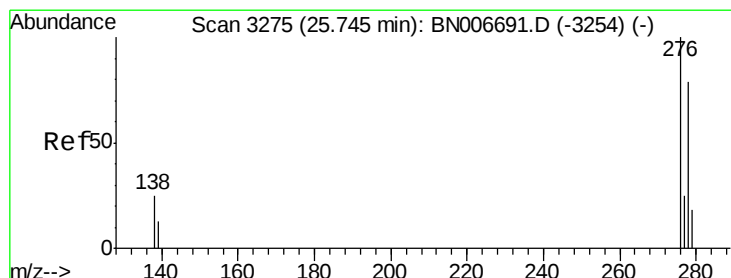
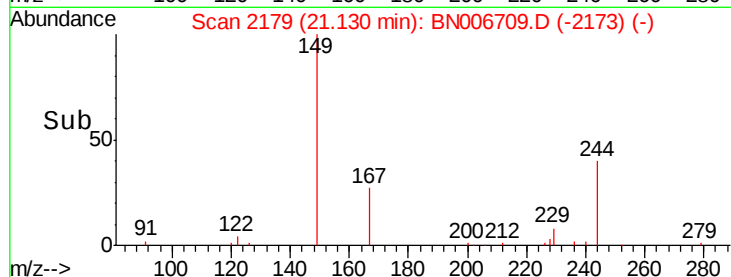
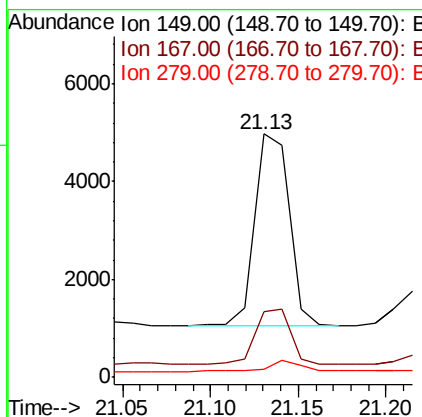
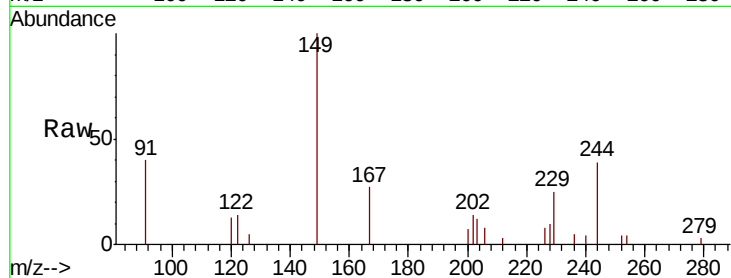




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.13 min Scan# 2179
 Delta R.T. -0.03 min
 Lab File: BN006709.D
 Acq: 05 Jul 2019 11:22

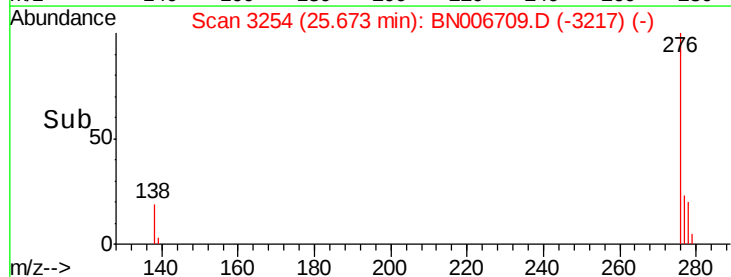
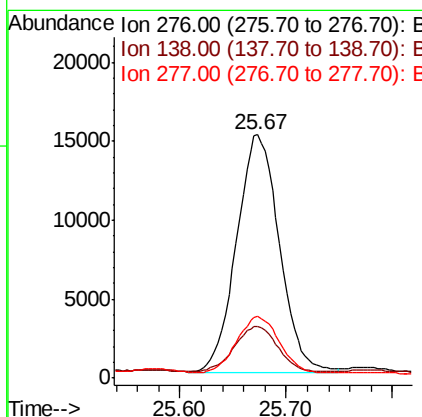
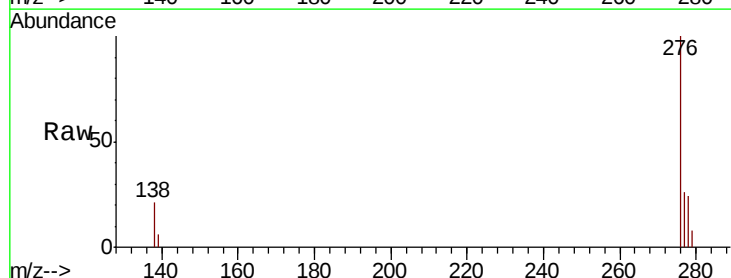
Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW140-062019DL

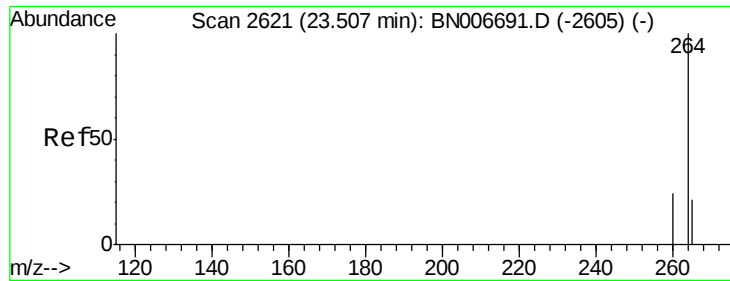
Tgt Ion:149 Resp: 5384
 Ion Ratio Lower Upper
 149 100
 167 30.3 22.9 34.3
 279 5.1 3.2 4.8#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.598 ng
 RT: 25.67 min Scan# 3254
 Delta R.T. -0.07 min
 Lab File: BN006709.D
 Acq: 05 Jul 2019 11:22

Tgt Ion:276 Resp: 41993
 Ion Ratio Lower Upper
 276 100
 138 19.1 19.5 29.3#
 277 23.6 19.7 29.5

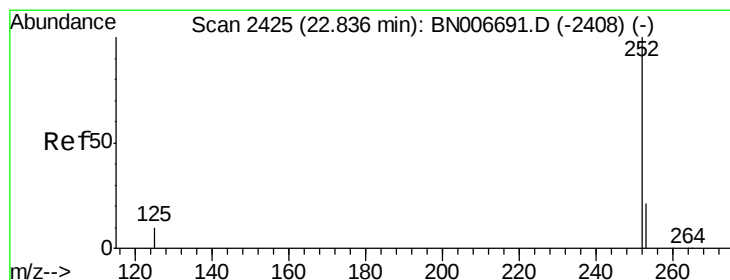
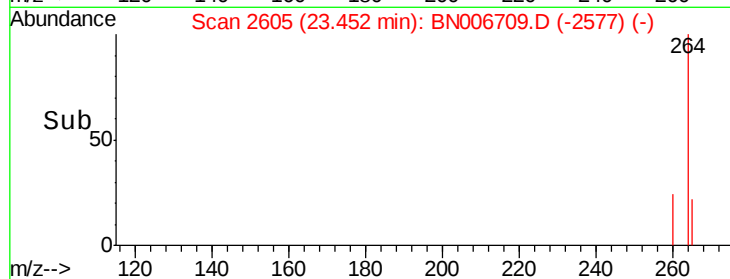
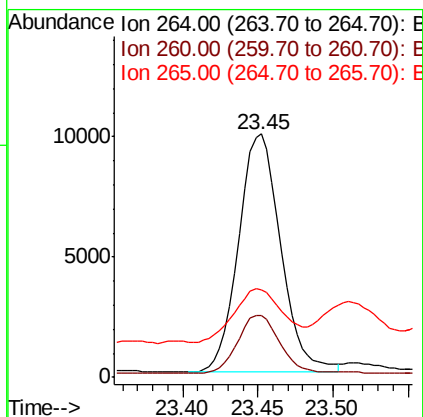
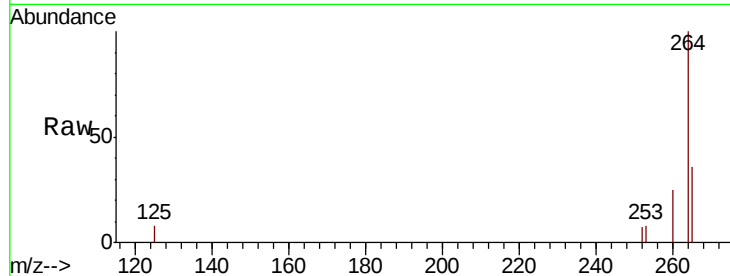




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.45 min Scan# 2605
 Delta R.T. -0.05 min
 Lab File: BN006709.D
 Acq: 05 Jul 2019 11:22

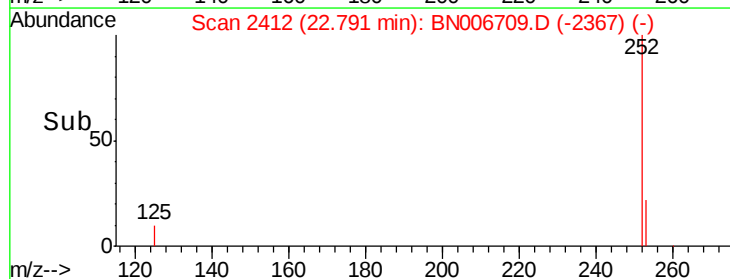
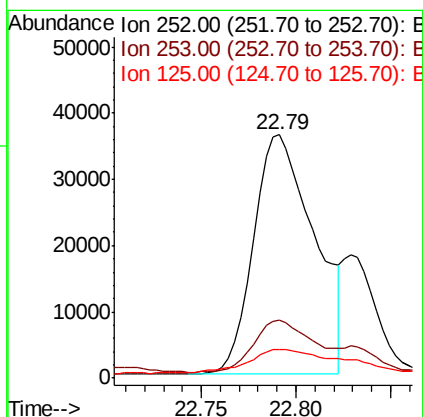
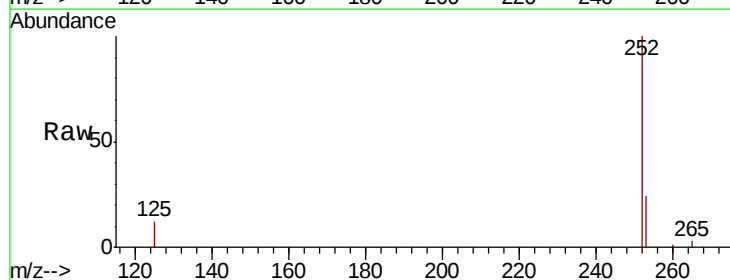
Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW140-062019DL

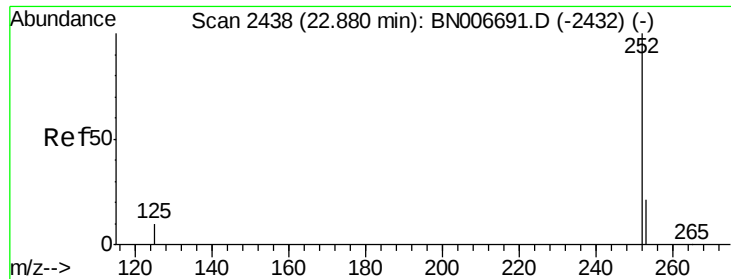
Tgt Ion:264 Resp: 19013
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 36.0 33.7 50.5



#35
 Benzo(b)fluoranthene
 Concen: 1.319 ng
 RT: 22.79 min Scan# 2412
 Delta R.T. -0.04 min
 Lab File: BN006709.D
 Acq: 05 Jul 2019 11:22

Tgt Ion:252 Resp: 80478
 Ion Ratio Lower Upper
 252 100
 253 23.7 20.2 30.2
 125 11.7 11.5 17.3

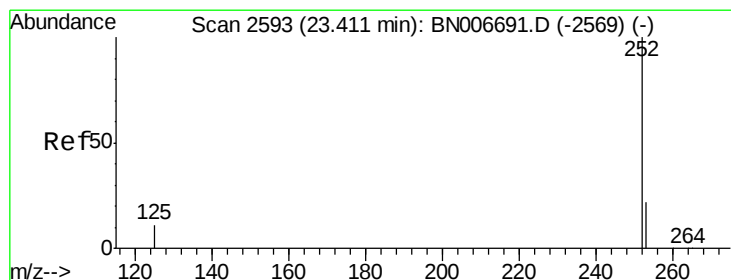
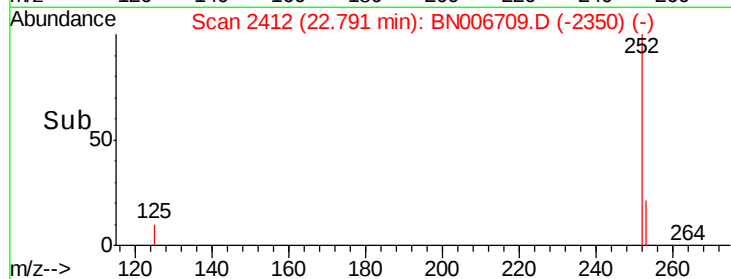
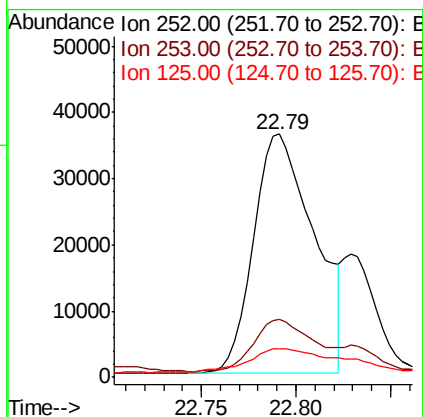
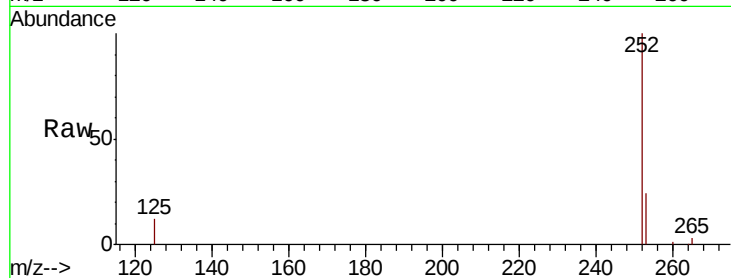




#36
Benzo(k)fluoranthene
Concen: 1.216 ng
RT: 22.79 min Scan# 2412
Delta R.T. -0.09 min
Lab File: BN006709.D
Acq: 05 Jul 2019 11:22

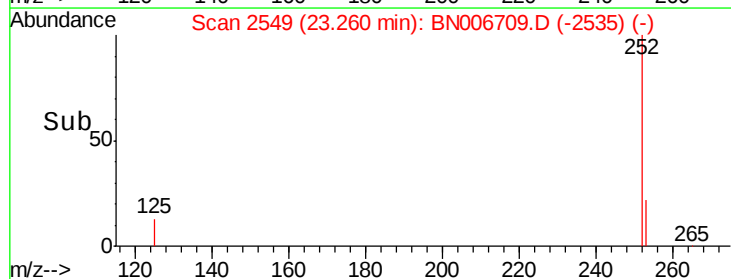
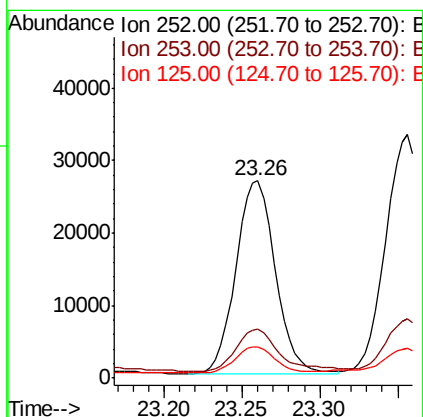
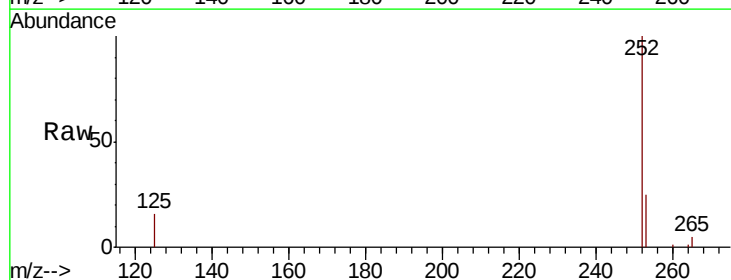
Instrument :
BNA_N
ClientSampleId :
EXT-009-SW140-062019DL

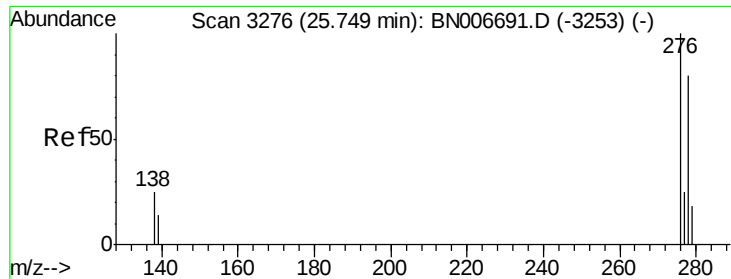
Tgt Ion: 252 Resp: 80478
Ion Ratio Lower Upper
252 100
253 23.7 20.1 30.1
125 11.7 11.4 17.0



#37
Benzo(a)pyrene
Concen: 0.800 ng
RT: 23.26 min Scan# 2549
Delta R.T. -0.15 min
Lab File: BN006709.D
Acq: 05 Jul 2019 11:22

Tgt Ion: 252 Resp: 47303
Ion Ratio Lower Upper
252 100
253 24.8 21.4 32.2
125 15.7 13.3 19.9





#38

Dibenzo(a,h)anthracene

Concen: 0.194 ng

RT: 25.67 min Scan# 3253

Delta R.T. -0.08 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW140-062019DL

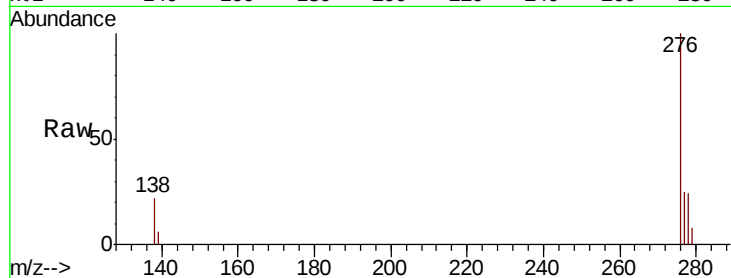
Tgt Ion:278 Resp: 11380

Ion Ratio Lower Upper

278 100

139 25.9 16.2 24.4#

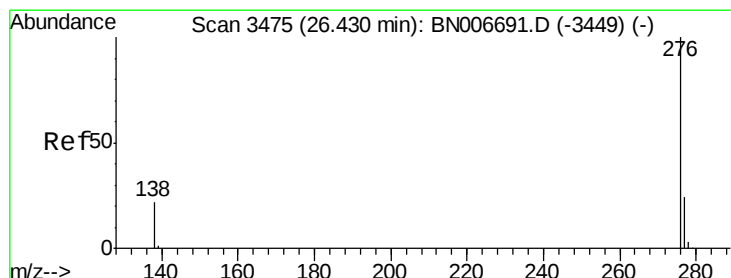
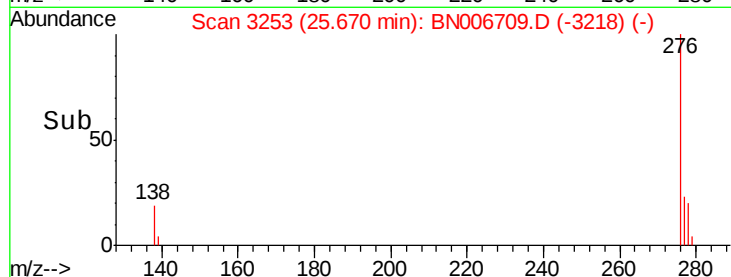
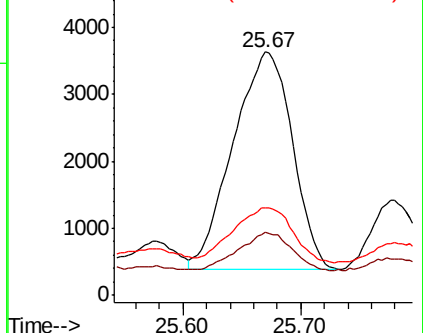
279 35.9 20.7 31.1#



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: 0.791 ng

RT: 26.35 min Scan# 3452

Delta R.T. -0.08 min

Lab File: BN006709.D

Acq: 05 Jul 2019 11:22

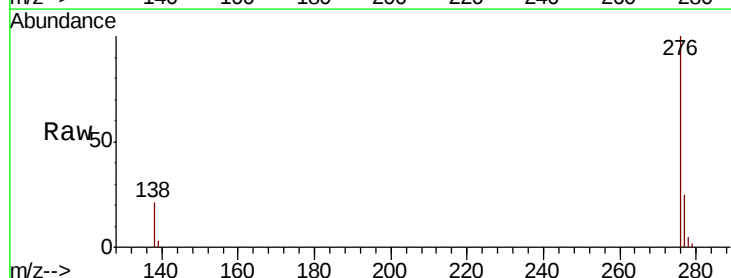
Tgt Ion:276 Resp: 47806

Ion Ratio Lower Upper

276 100

277 24.8 20.6 30.8

138 21.4 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

