

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062819\
 Data File : BN006608.D
 Acq On : 28 Jun 2019 11:24
 Operator : HP/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 28 13:18:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:12:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3739	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16458	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	10223	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	23557	0.40	ng	0.00
27) Chrysene-d12	21.27	240	24947	0.40	ng	0.00
34) Perylene-d12	23.51	264	25513	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	14661	1.57	ng	0.00
5) Phenol-d6	6.81	99	20250	1.83	ng	-0.02
8) Nitrobenzene-d5	8.78	82	18816	1.97	ng	-0.01
11) 2-Methylnaphthalene-d10	12.00	152	42354	1.66	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	8084	1.41	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	61265	1.59	ng	-0.01
25) Fluoranthene-d10	19.08	212	113442	1.69	ng	0.00
29) Terphenyl-d14	19.68	244	82339	1.61	ng	0.00

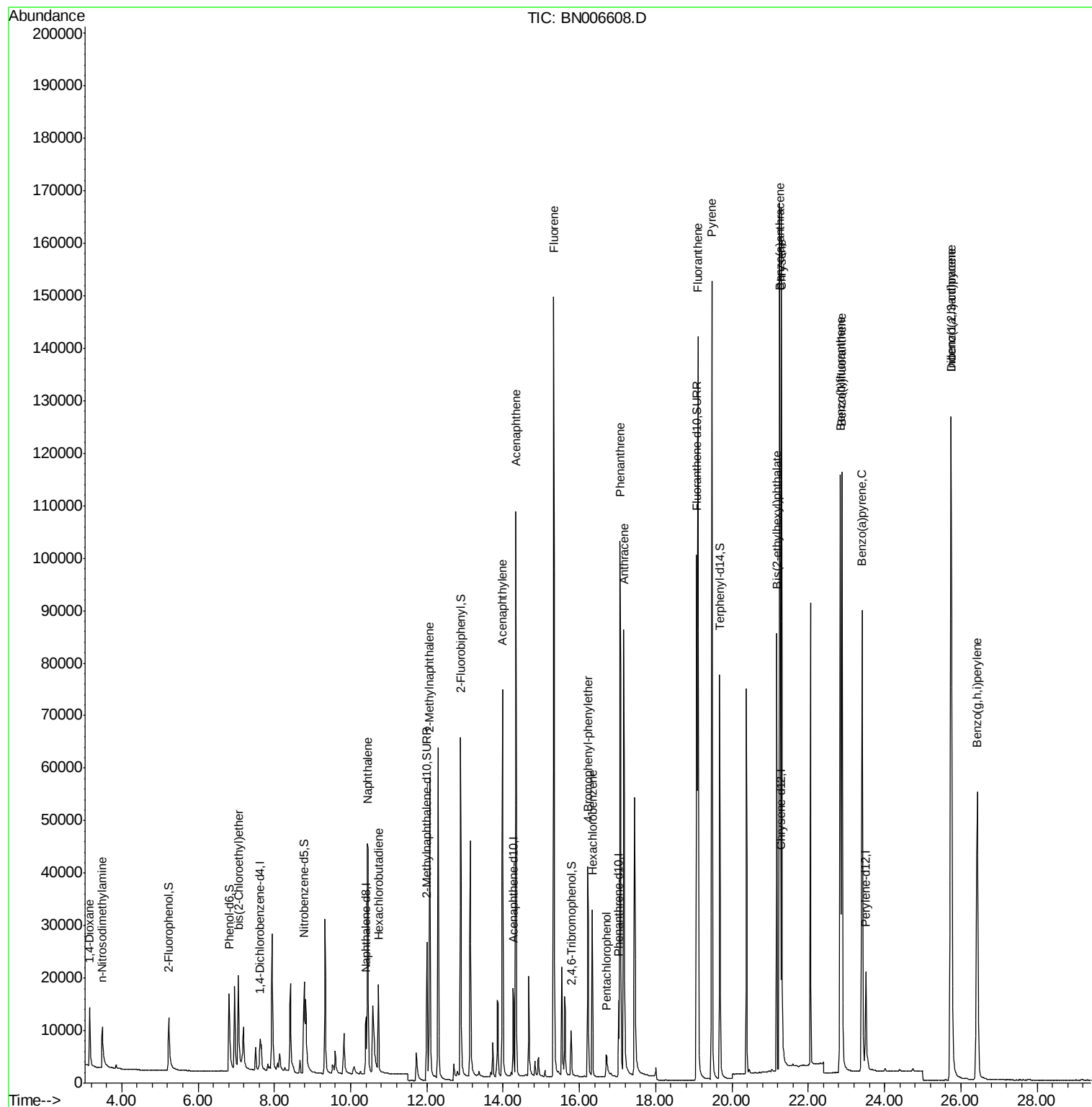
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	8112	2.018	ng	97
3) n-Nitrosodimethylamine	3.49	42	7287	2.970	ng	# 96
6) bis(2-Chloroethyl)ether	7.06	93	17763	1.701	ng	87
9) Naphthalene	10.45	128	69845	1.688	ng	98
10) Hexachlorobutadiene	10.73	225	14052	1.830	ng	# 99
12) 2-Methylnaphthalene	12.07	142	49653	1.664	ng	99
16) Acenaphthylene	13.99	152	82083	1.701	ng	100
17) Acenaphthene	14.33	154	52573	1.716	ng	99
18) Fluorene	15.32	166	67505	1.641	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	22168	1.644	ng	# 84
21) Hexachlorobenzene	16.35	284	26997	1.813	ng	99
22) Pentachlorophenol	16.71	266	4722	1.434	ng	89
23) Phenanthrene	17.07	178	110865	1.682	ng	100
24) Anthracene	17.16	178	98886	1.684	ng	100
26) Fluoranthene	19.11	202	136573	1.691	ng	100
28) Pyrene	19.47	202	138803	1.959	ng	100
30) Benzo(a)anthracene	21.25	228	137453	1.954	ng	99
31) Chrysene	21.30	228	139463	1.839	ng	100
32) Bis(2-ethylhexyl)phthalate	21.17	149	65484	2.223	ng	100
33) Indeno(1,2,3-cd)pyrene	25.74	276	143515	1.683	ng	100
35) Benzo(b)fluoranthene	22.84	252	140454	1.717	ng	98
36) Benzo(k)fluoranthene	22.88	252	152290	1.927	ng	98
37) Benzo(a)pyrene	23.41	252	132117	1.817	ng	97
38) Dibenzo(a,h)anthracene	25.75	278	116080	1.595	ng	99
39) Benzo(g,h,i)perylene	26.43	276	114417	1.561	ng	99

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

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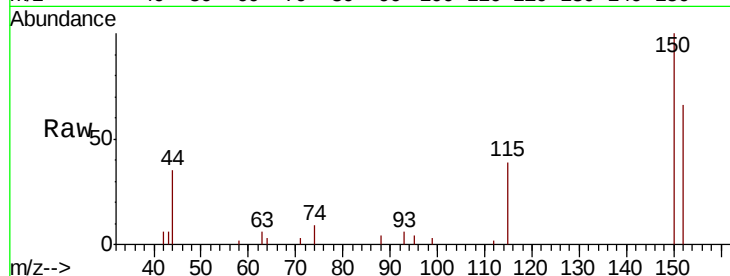


#1

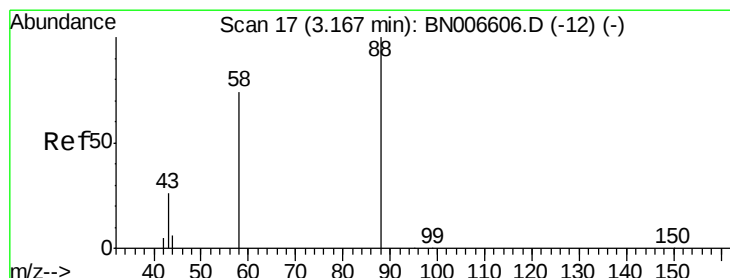
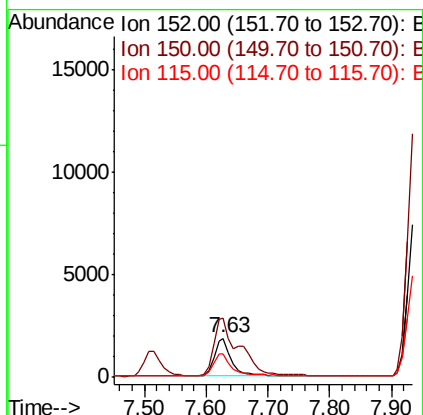
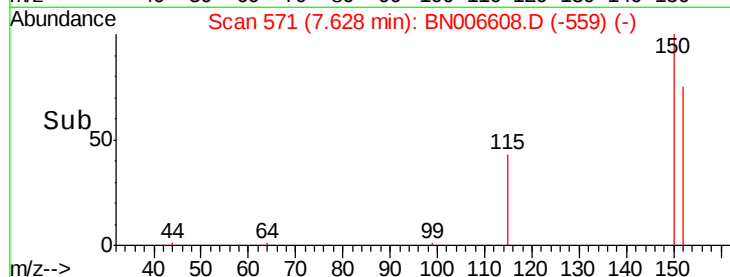
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006608.D
Acq: 28 Jun 2019 11:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3739
Ion Ratio Lower Upper
152 100
150 152.5 122.2 183.2
115 60.1 50.0 75.0



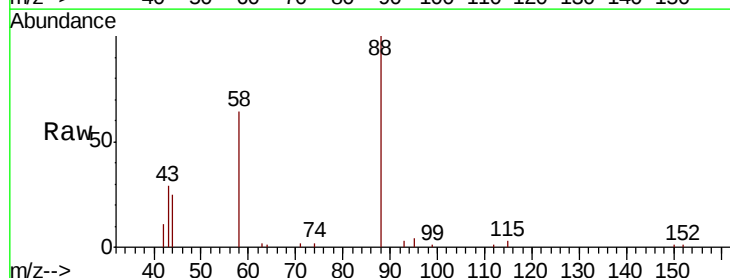
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



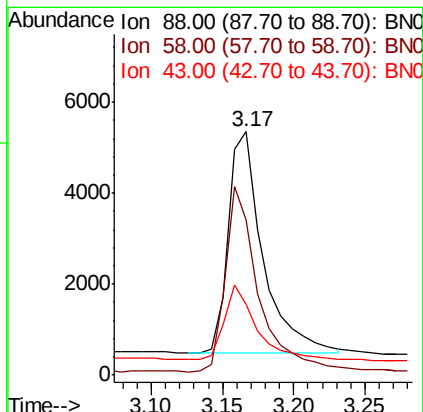
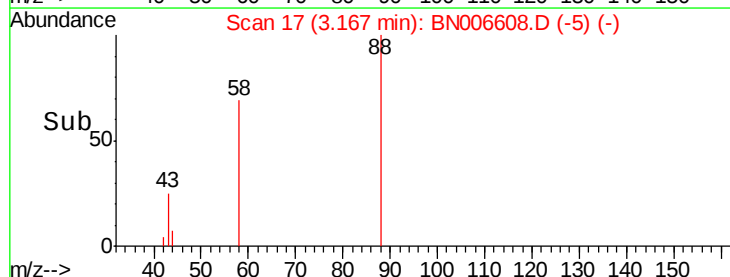
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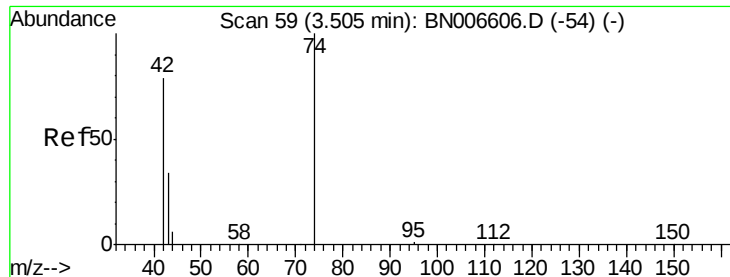
1,4-Dioxane
Concen: 2.018 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006608.D
Acq: 28 Jun 2019 11:24

Tgt Ion: 88 Resp: 8112
Ion Ratio Lower Upper
88 100
58 80.7 62.5 93.7
43 30.3 25.4 38.0



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



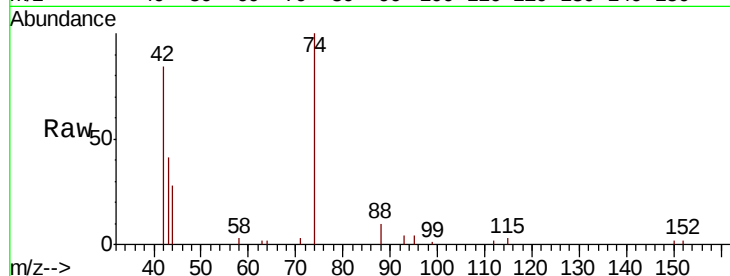


#3

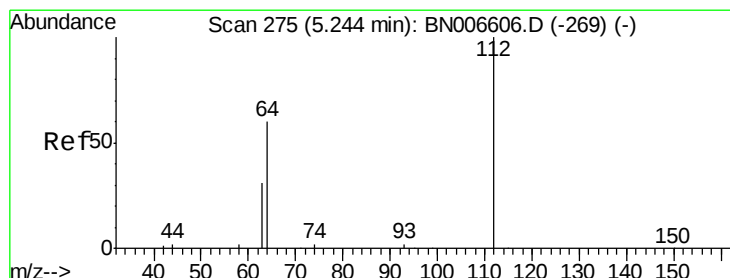
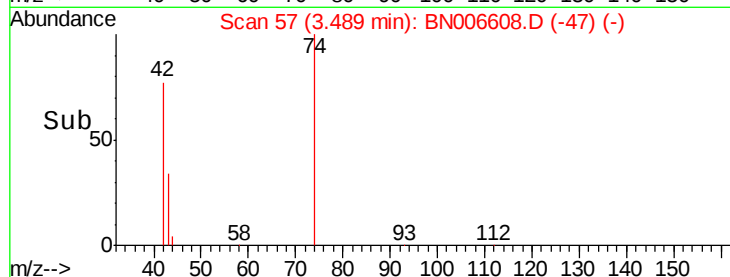
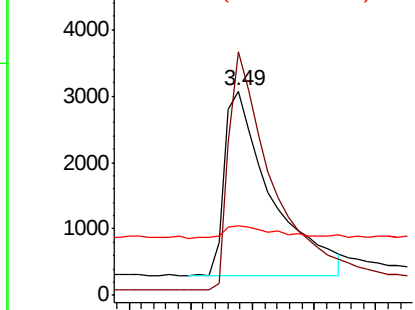
n-Nitrosodimethylamine
 Concen: 2.970 ng
 RT: 3.49 min Scan# 57
 Delta R.T. -0.02 min
 Lab File: BN006608.D
 Acq: 28 Jun 2019 11:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 7287
 Ion Ratio Lower Upper
 42 100
 74 124.1 103.1 154.7
 44 7.7 3.4 5.2#



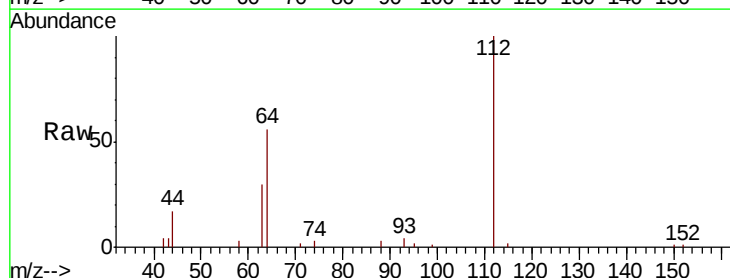
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



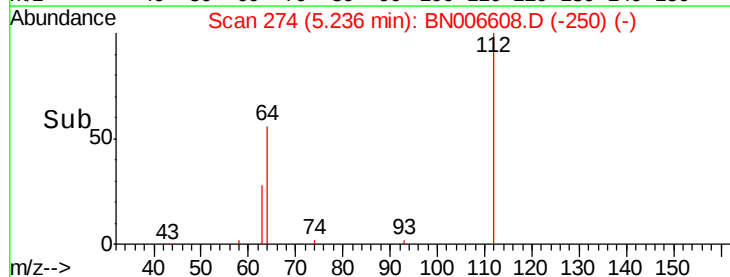
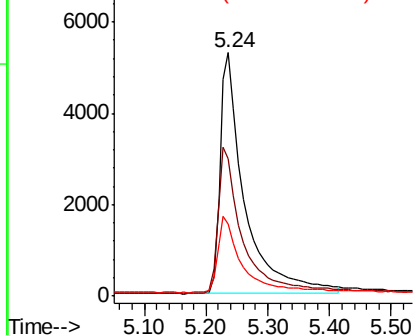
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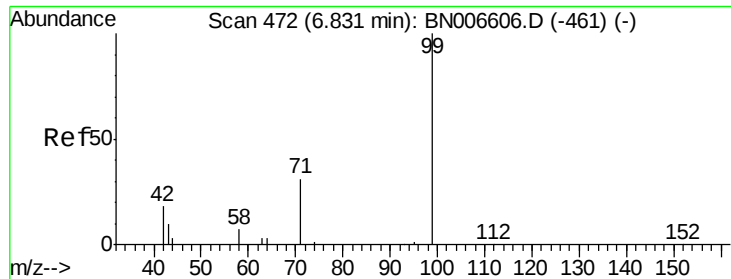
2-Fluorophenol
 Concen: 1.571 ng
 RT: 5.24 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: BN006608.D
 Acq: 28 Jun 2019 11:24

Tgt Ion: 112 Resp: 14661
 Ion Ratio Lower Upper
 112 100
 64 61.1 48.9 73.3
 63 31.9 24.3 36.5



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





#5

Phenol-d6

Concen: 1.832 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampled :

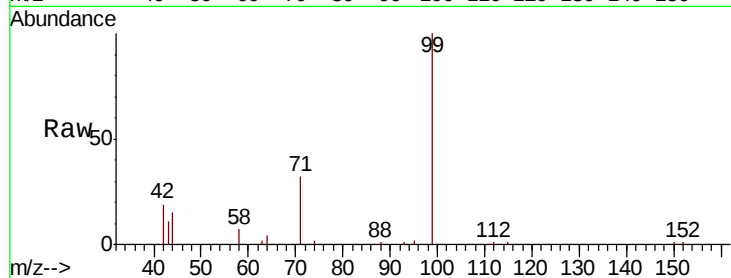
Tot Ion: 99 Resp: 20250

Ion Ratio Lower Upper

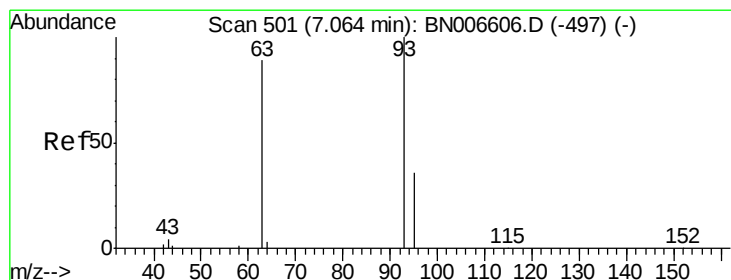
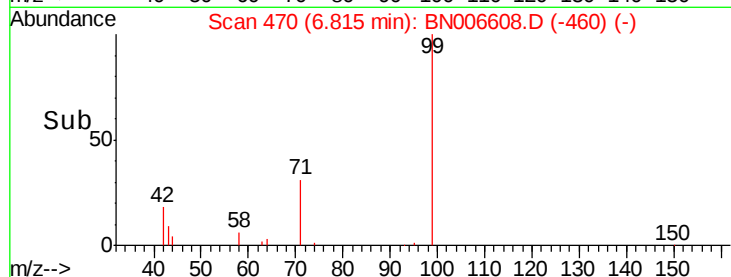
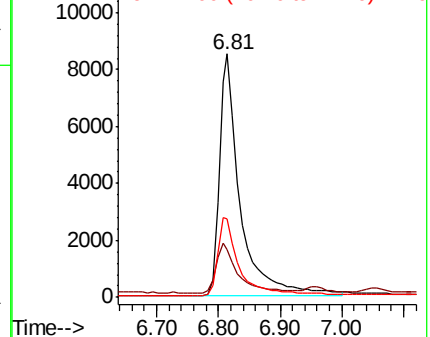
99 100

42 20.8 16.4 24.6

71 33.5 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 1.701 ng

RT: 7.06 min Scan# 500

Delta R.T. -0.01 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

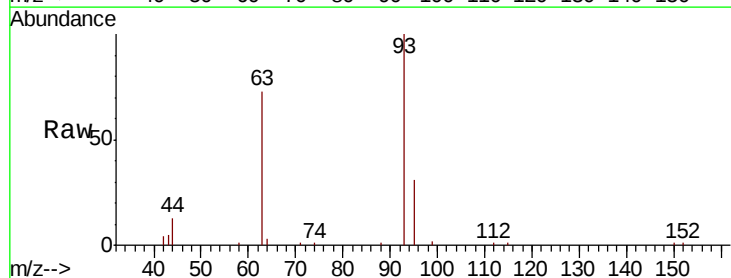
Tgt Ion: 93 Resp: 17763

Ion Ratio Lower Upper

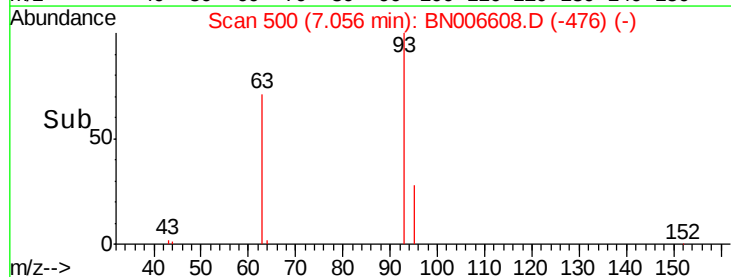
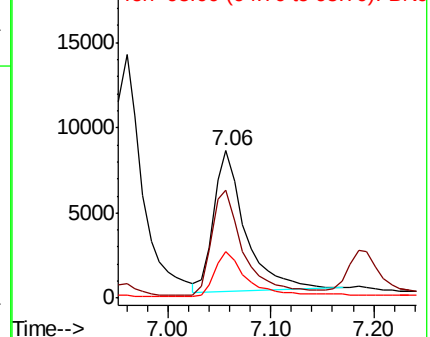
93 100

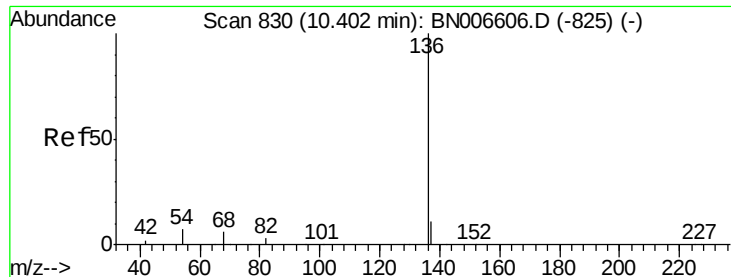
63 77.6 52.5 78.7

95 34.4 24.2 36.4



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 16458

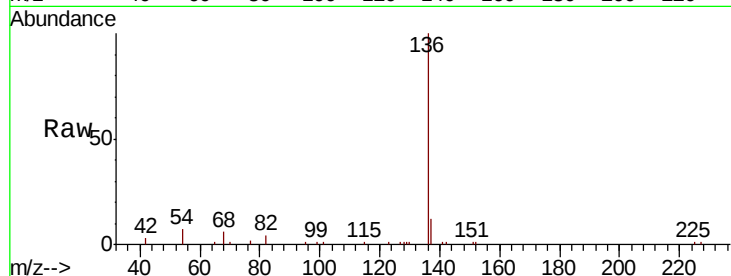
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.1 6.7 10.1

68 5.6 5.3 7.9

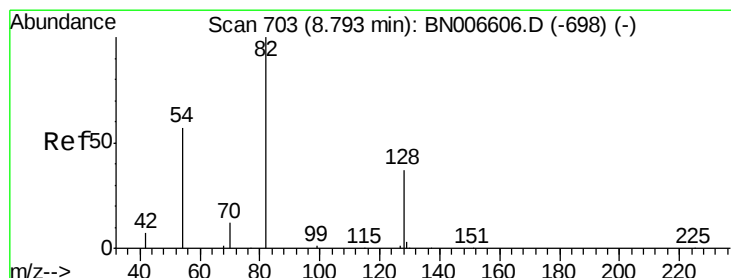
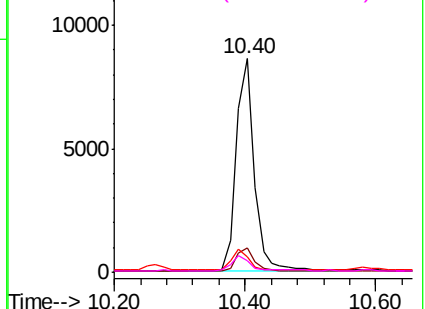
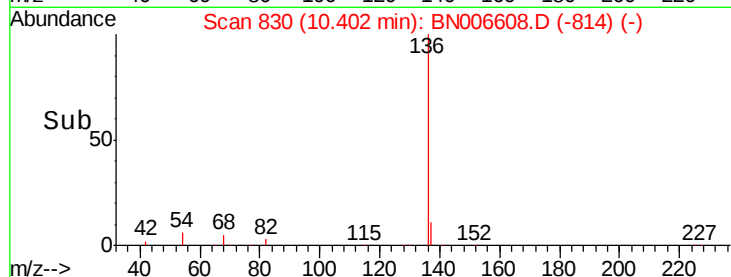


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.973 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

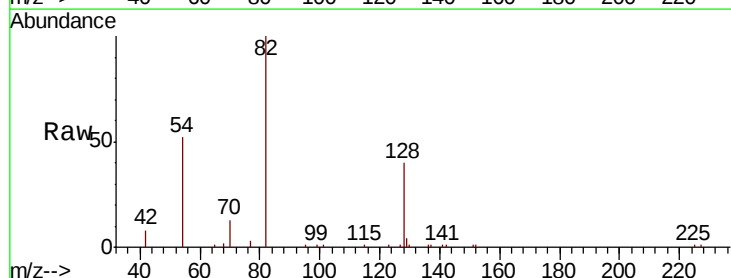
Tgt Ion: 82 Resp: 18816

Ion Ratio Lower Upper

82 100

128 40.4 32.6 49.0

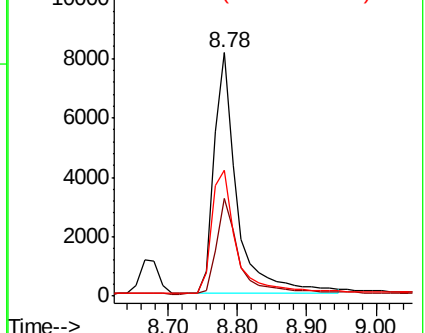
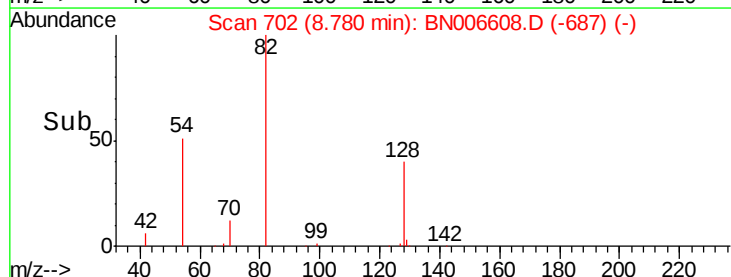
54 51.9 48.2 72.4

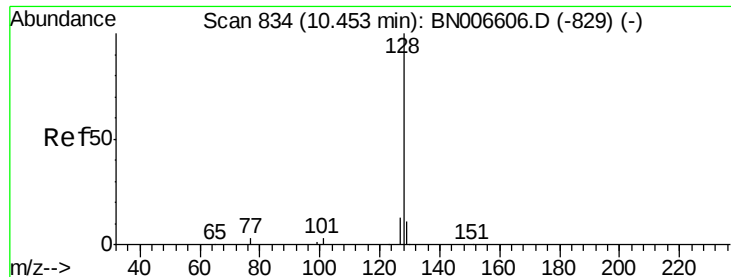


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.688 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampleId :

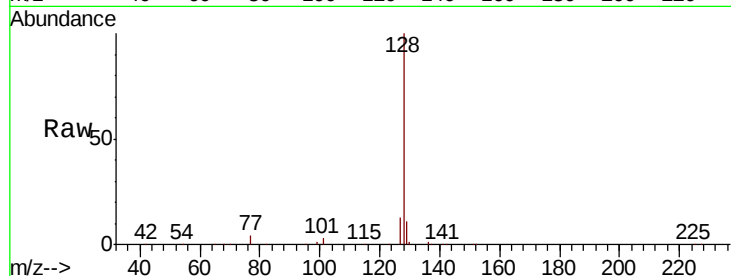
Tot Ion:128 Resp: 69845

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

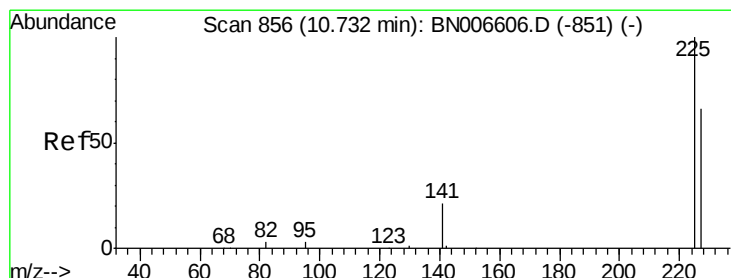
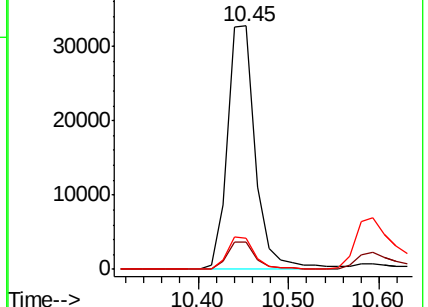
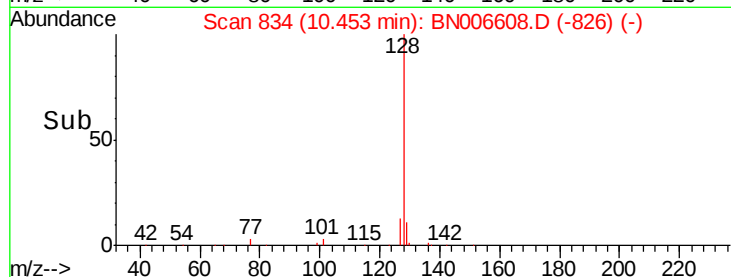
127 12.7 10.8 16.2



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: 1.830 ng

RT: 10.73 min Scan# 856

Delta R.T. 0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

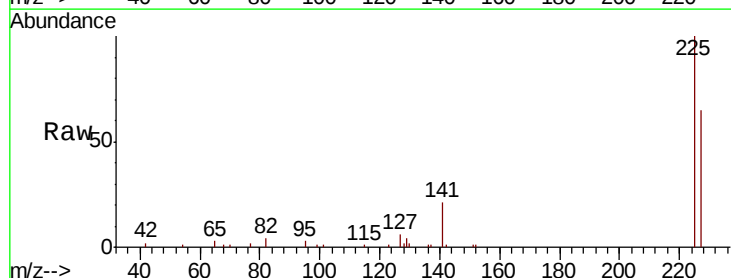
Tgt Ion:225 Resp: 14052

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

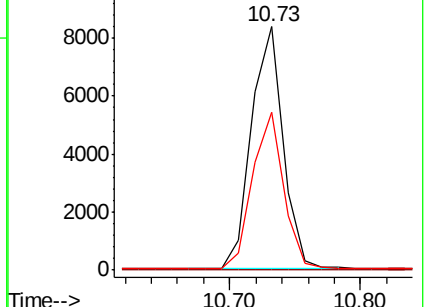
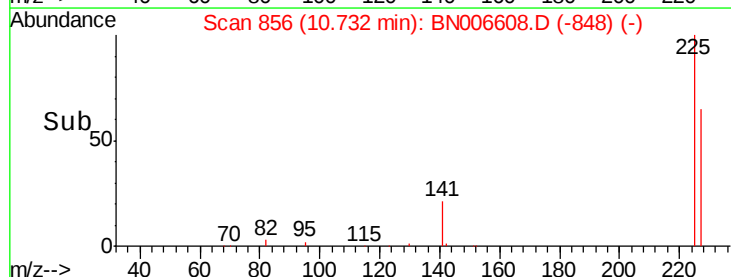
227 63.4 51.4 77.2

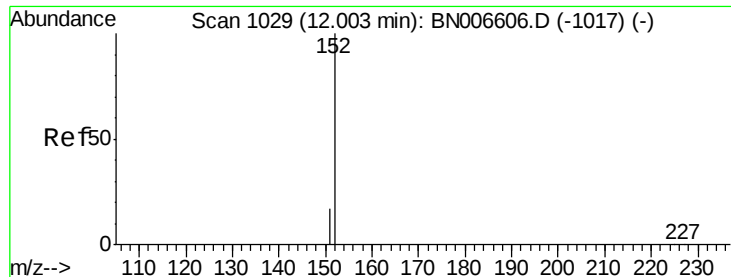


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

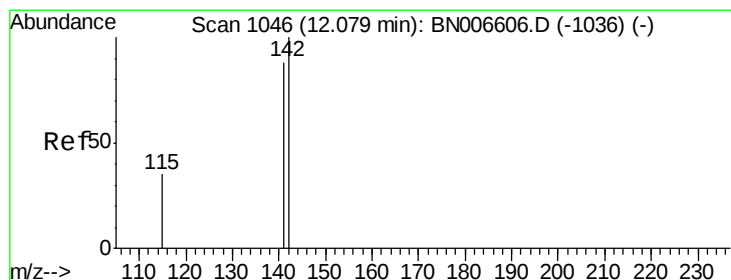
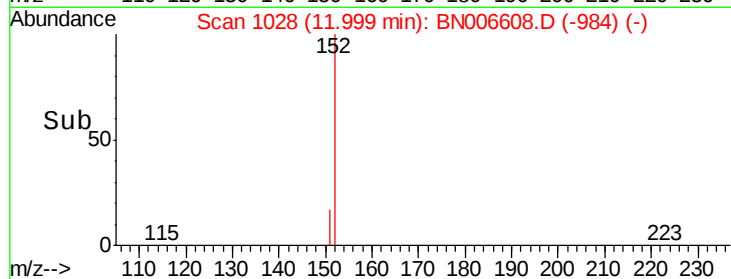
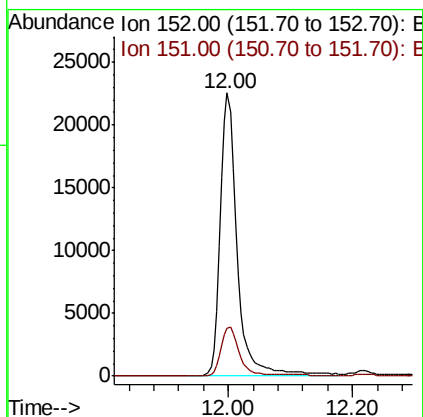
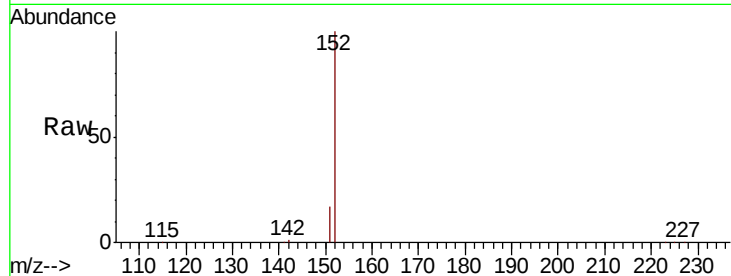




#11
2-Methylnaphthalene-d10
Concen: 1.661 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006608.D
Acq: 28 Jun 2019 11:24

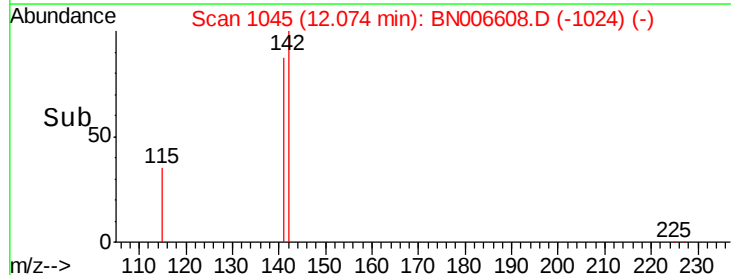
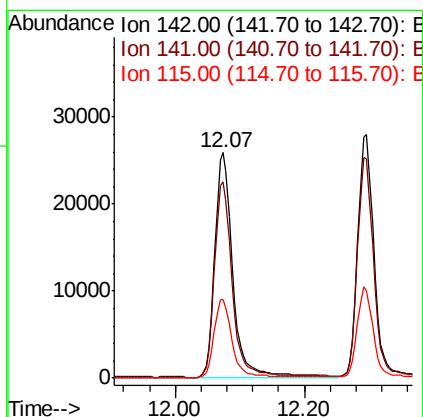
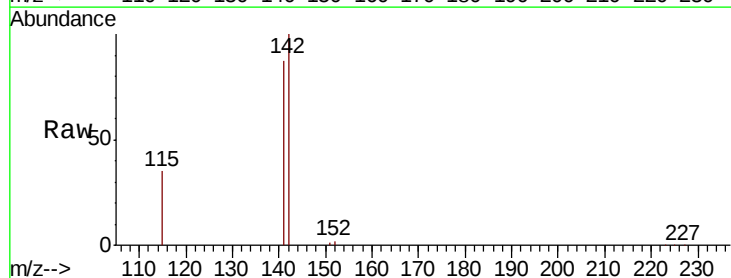
Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 42354
Ion Ratio Lower Upper
152 100
151 19.1 15.0 22.4



#12
2-Methylnaphthalene
Concen: 1.664 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006608.D
Acq: 28 Jun 2019 11:24

Tgt Ion:142 Resp: 49653
Ion Ratio Lower Upper
142 100
141 86.9 70.2 105.4
115 34.8 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampleId :

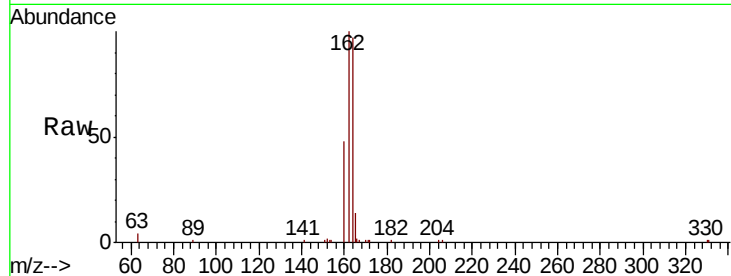
Tot Ion:164 Resp: 10223

Ion Ratio Lower Upper

164 100

162 103.0 80.0 120.0

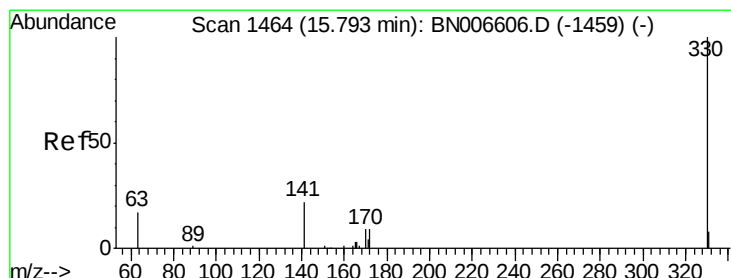
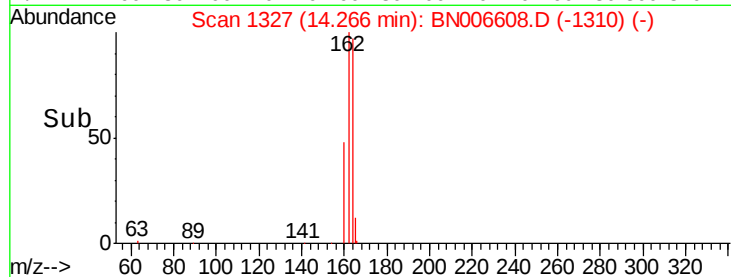
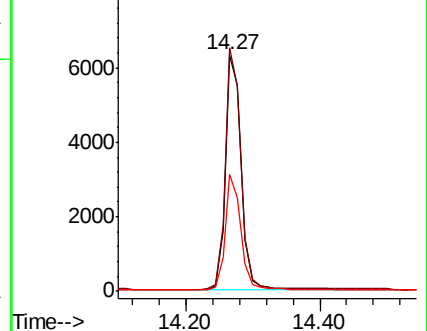
160 49.3 37.0 55.4



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: 1.410 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

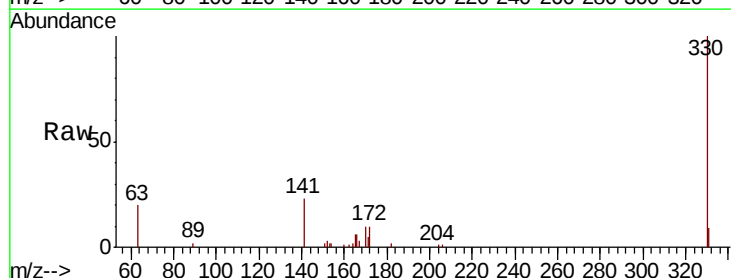
Tgt Ion:330 Resp: 8084

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

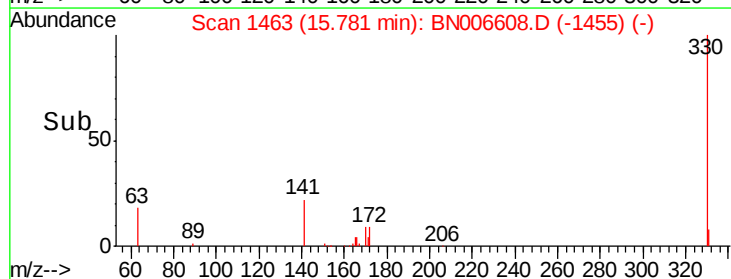
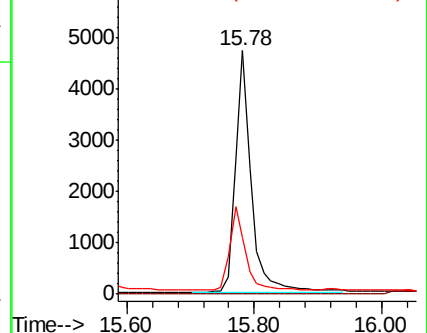
141 34.0 26.5 39.7



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

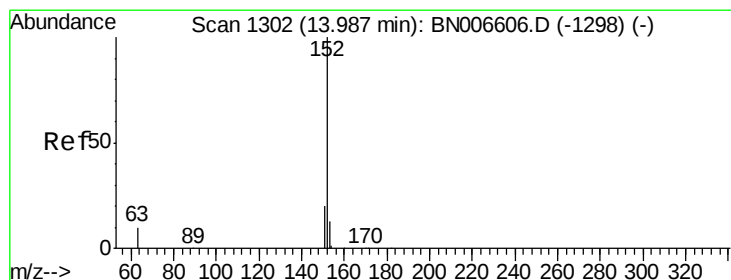
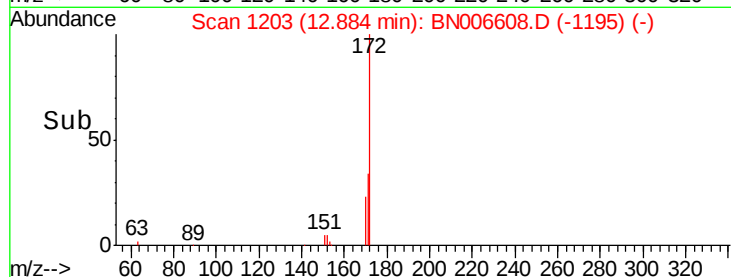
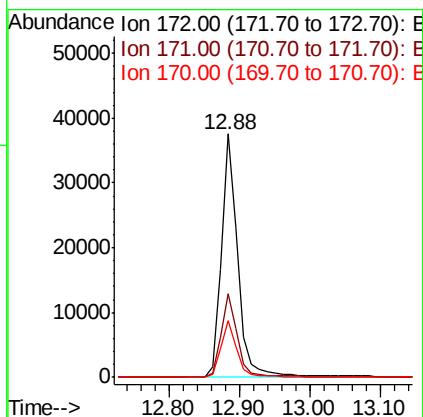
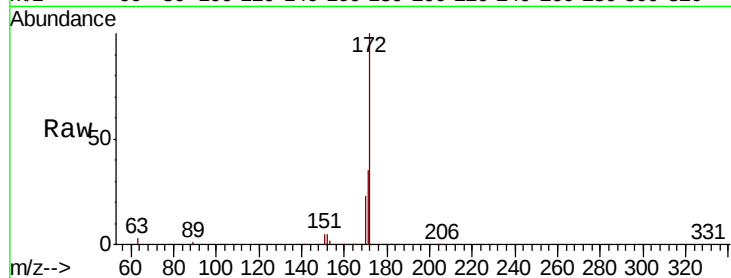




#15
2-Fluorobiphenyl
Concen: 1.587 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006608.D
Acq: 28 Jun 2019 11:24

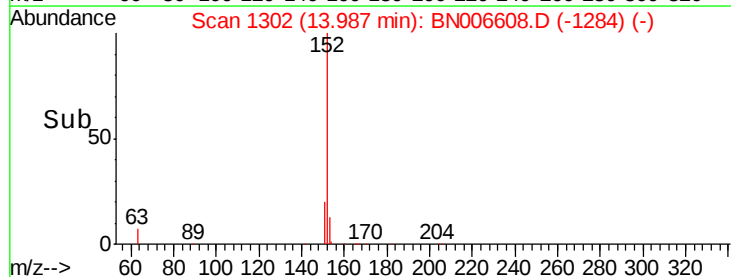
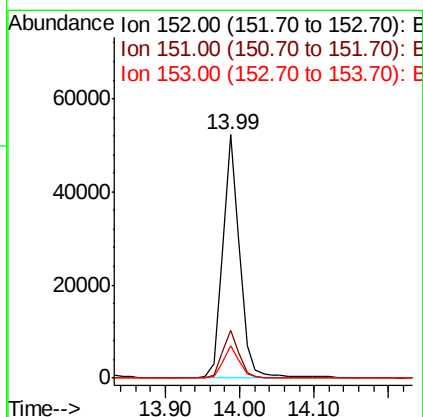
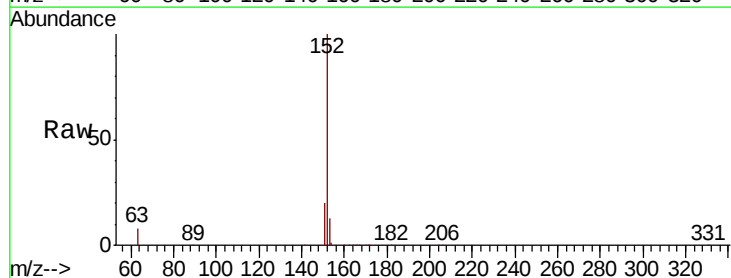
Instrument :
BNA_N
ClientSampleId :

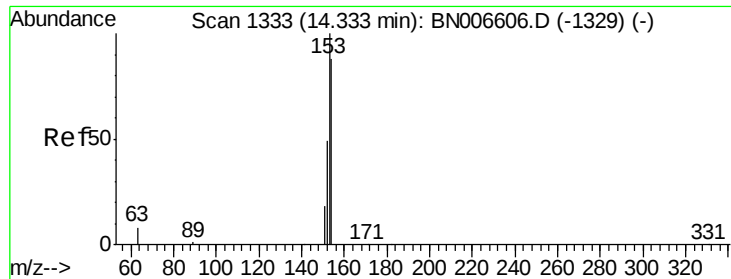
Tot Ion:172 Resp: 61265
Ion Ratio Lower Upper
172 100
171 34.6 27.0 40.4
170 23.4 17.7 26.5



#16
Acenaphthylene
Concen: 1.701 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006608.D
Acq: 28 Jun 2019 11:24

Tgt Ion:152 Resp: 82083
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 1.716 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampleId :

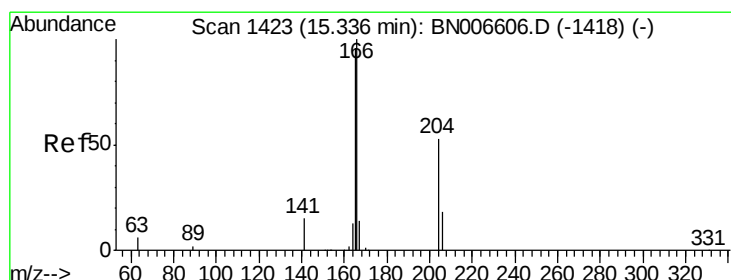
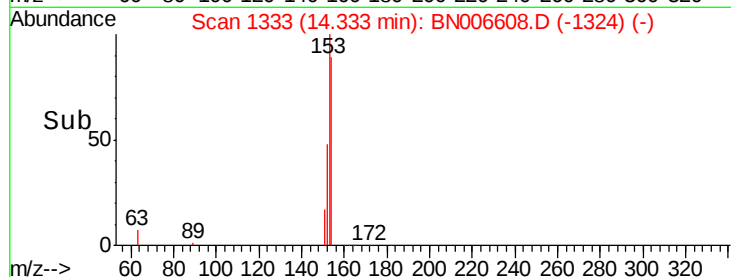
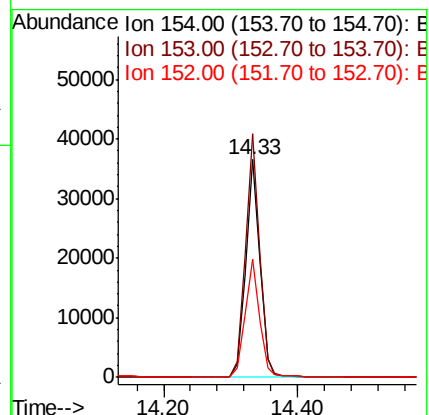
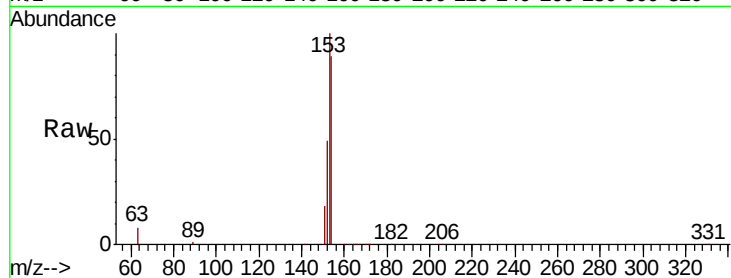
Tot Ion:154 Resp: 52573

Ion Ratio Lower Upper

154 100

153 111.7 90.2 135.4

152 54.3 44.2 66.4



#18

Fluorene

Concen: 1.641 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

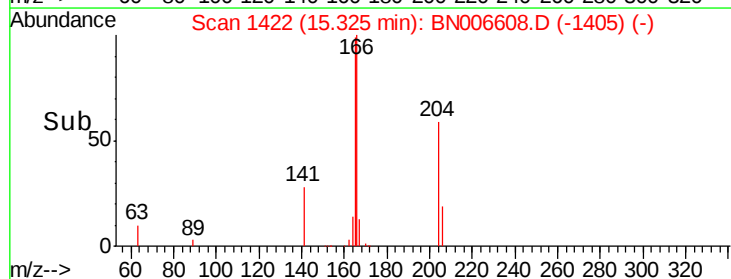
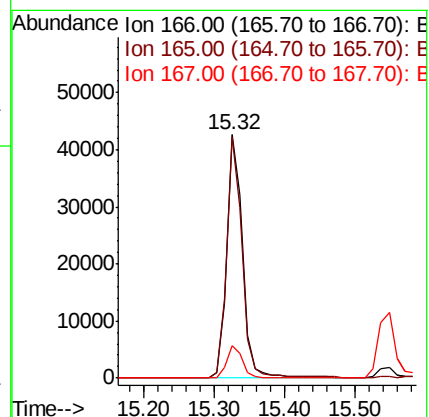
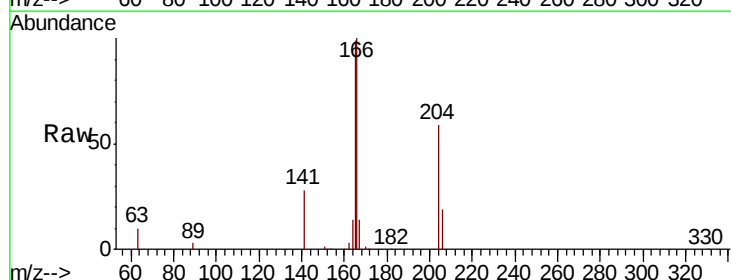
Tgt Ion:166 Resp: 67505

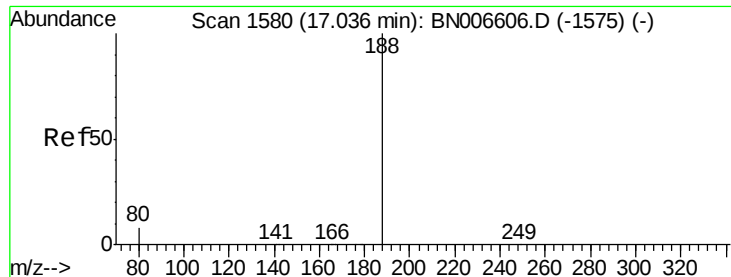
Ion Ratio Lower Upper

166 100

165 97.2 78.4 117.6

167 13.4 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampleId :

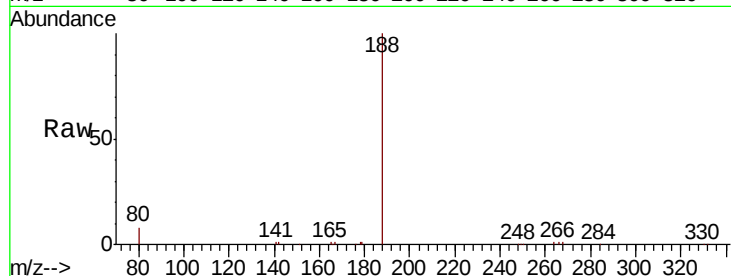
Tot Ion:188 Resp: 23557

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

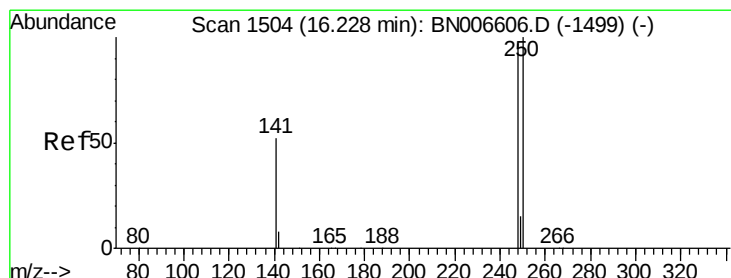
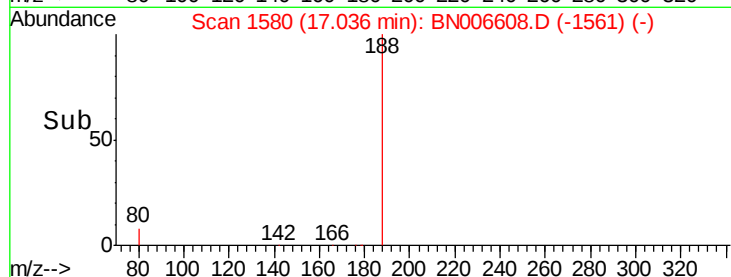
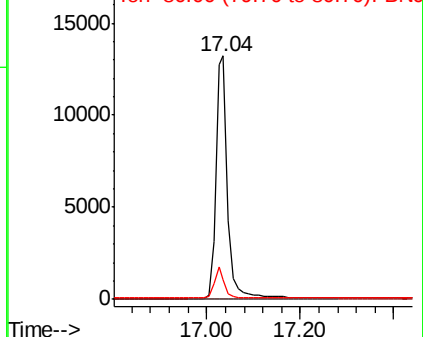
80 8.1 7.1 10.7



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: 1.644 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

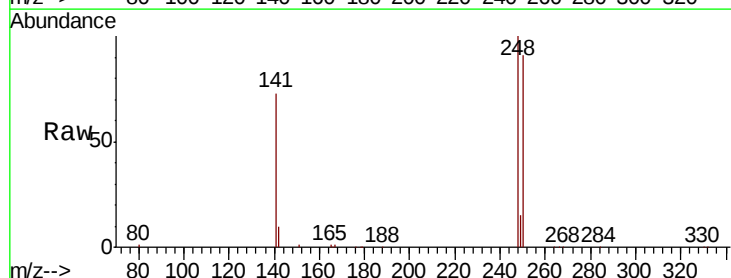
Tgt Ion:248 Resp: 22168

Ion Ratio Lower Upper

248 100

250 91.5 82.2 123.4

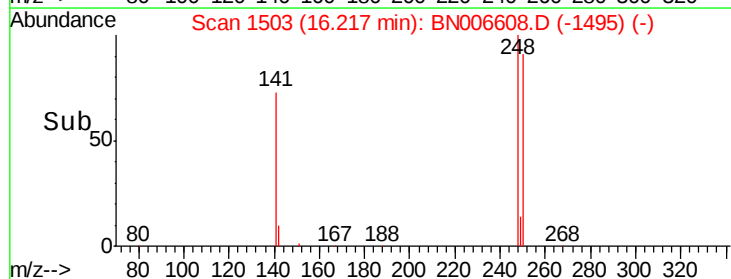
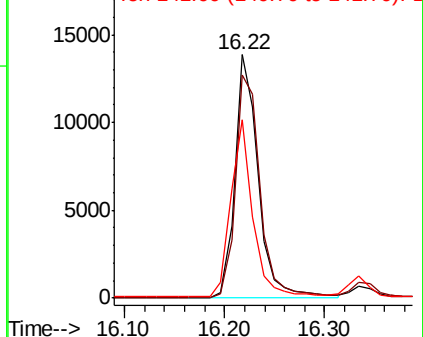
141 73.3 43.8 65.8#

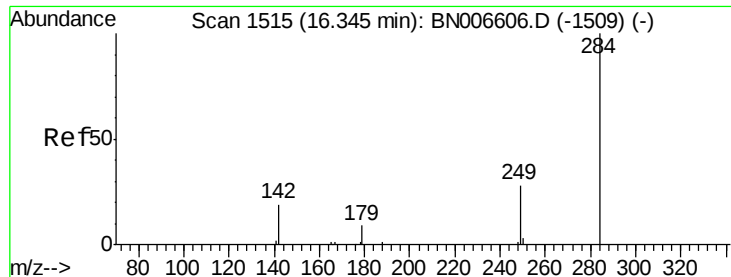


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.813 ng

RT: 16.35 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampled :

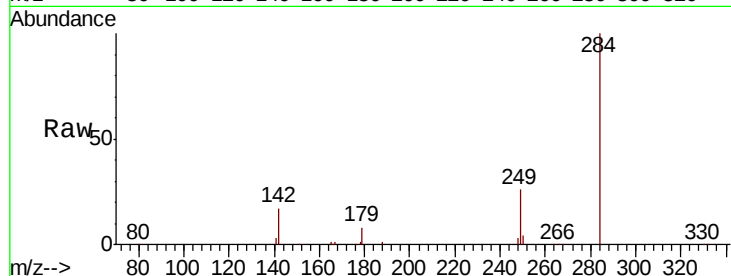
Tot Ion:284 Resp: 26997

Ion Ratio Lower Upper

284 100

142 34.1 27.5 41.3

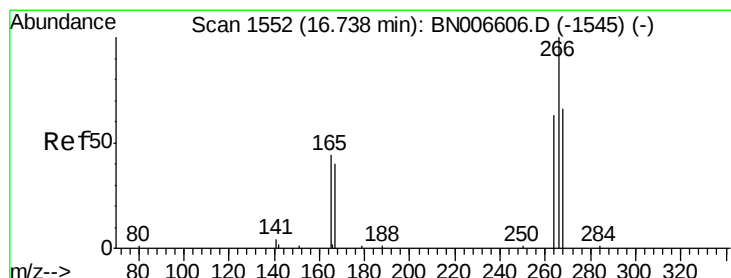
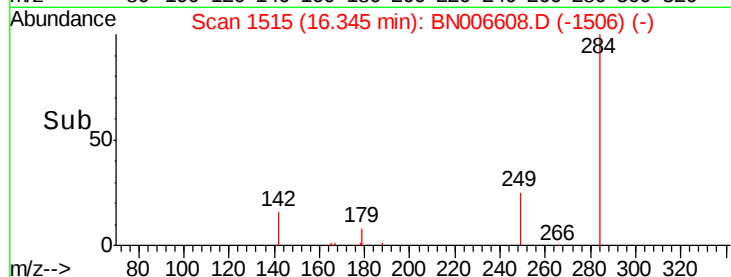
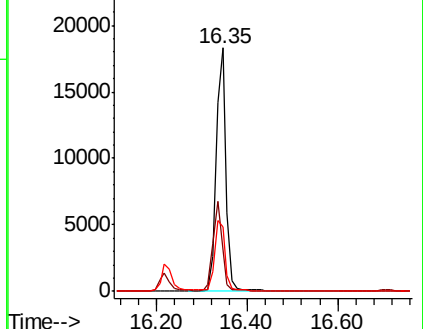
249 30.3 24.7 37.1



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: 1.434 ng

RT: 16.71 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

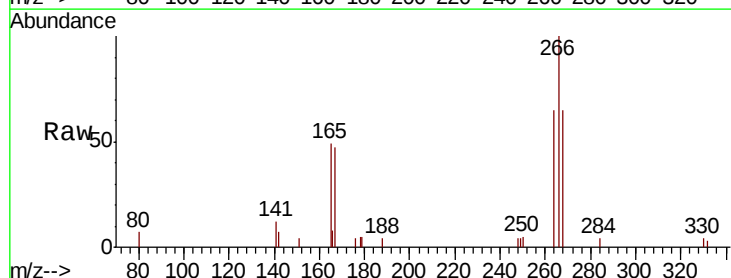
Tgt Ion:266 Resp: 4722

Ion Ratio Lower Upper

266 100

264 65.2 56.2 84.4

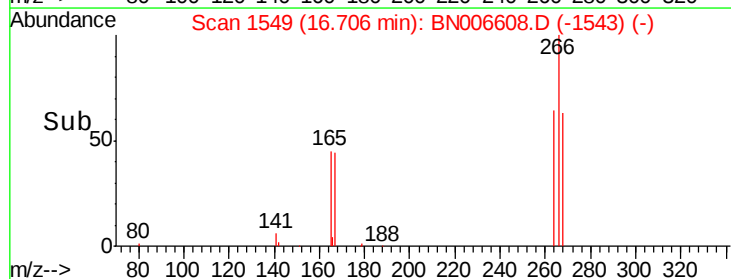
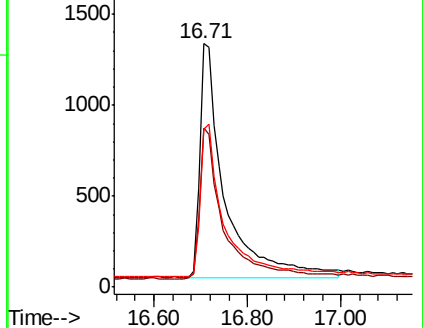
268 64.7 63.0 94.4

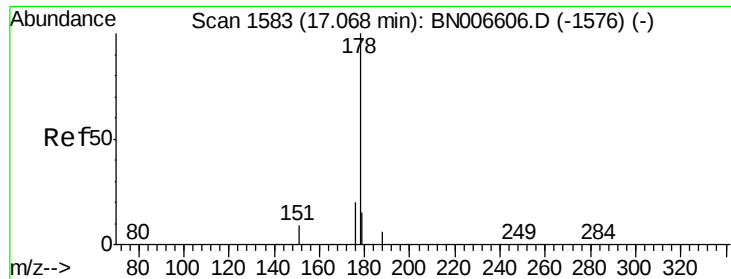


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.682 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampled :

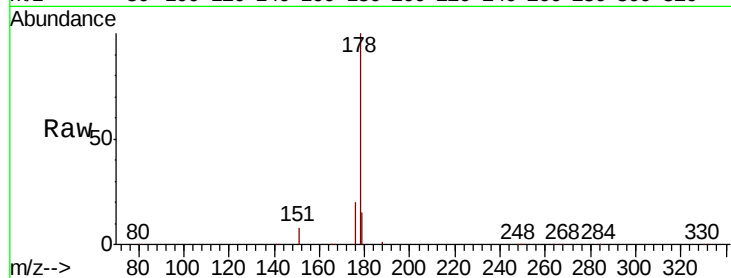
Tot Ion:178 Resp: 110865

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

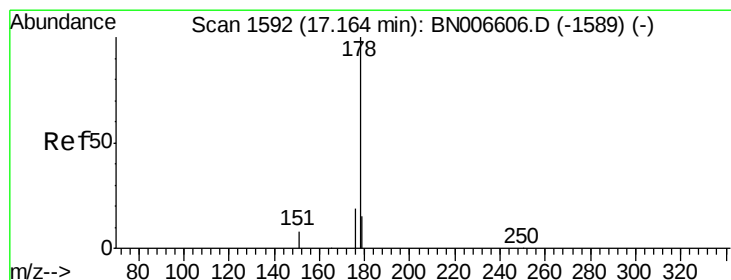
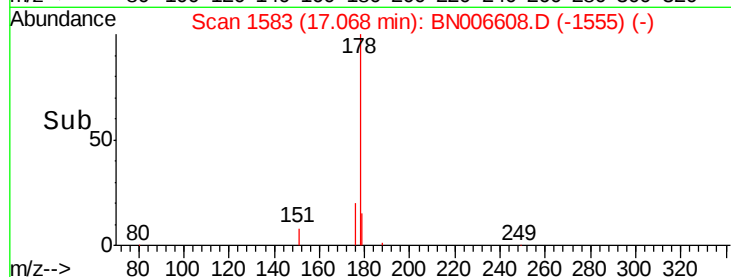
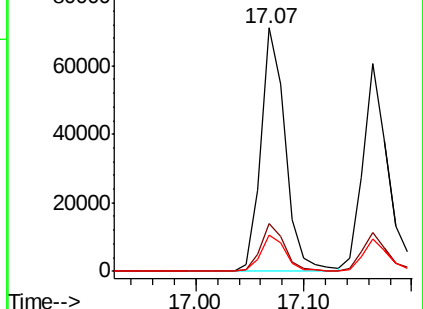
179 15.2 12.2 18.4



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: 1.684 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

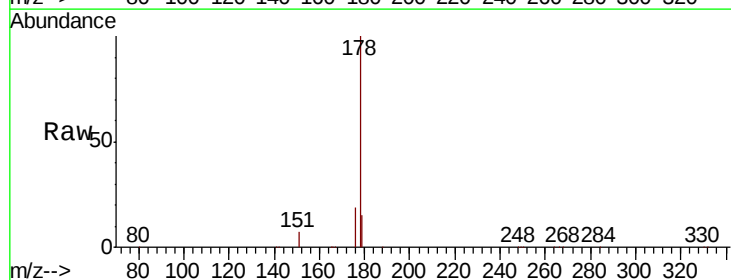
Tgt Ion:178 Resp: 98886

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

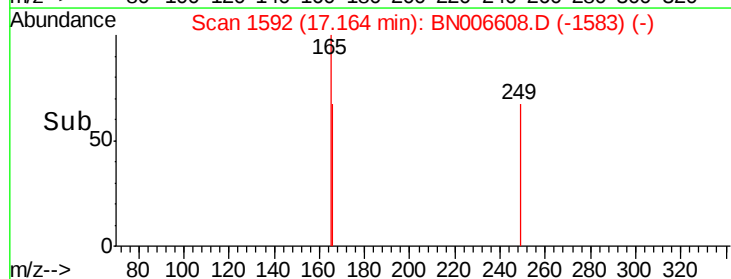
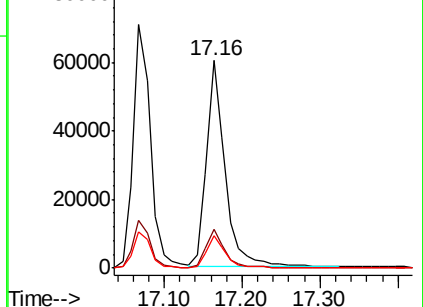
179 15.3 12.2 18.2

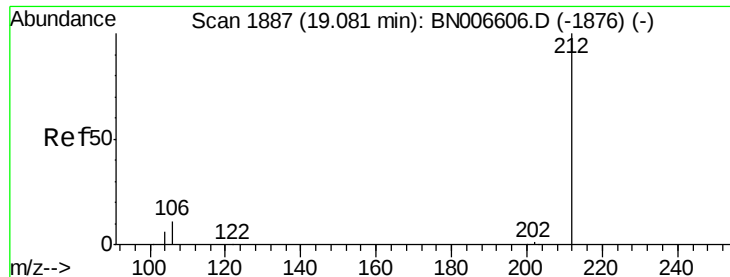


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.687 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampleId :

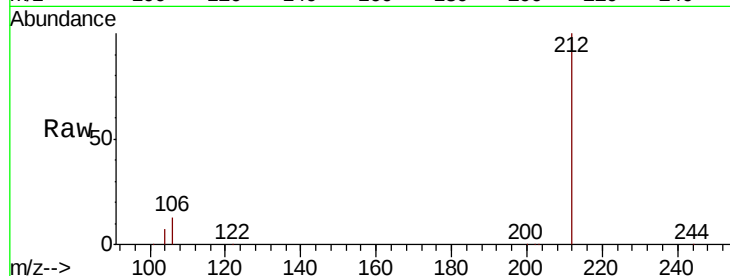
Tot Ion:212 Resp: 113442

Ion Ratio Lower Upper

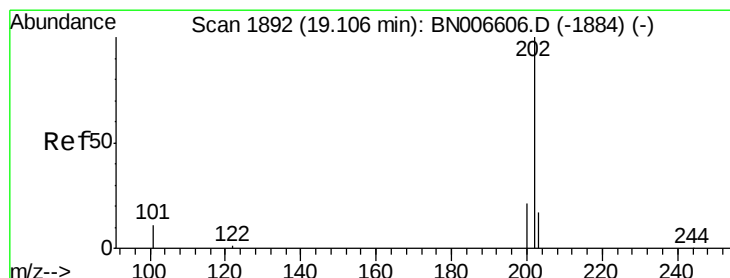
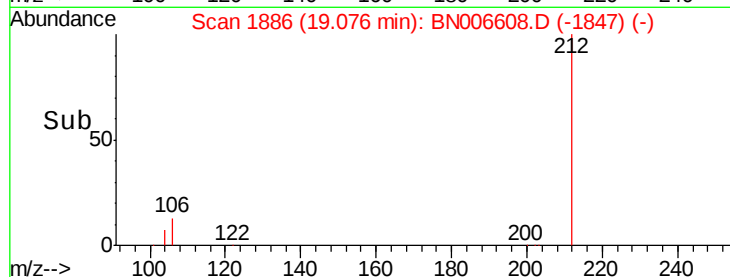
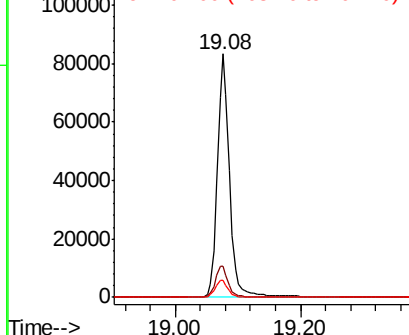
212 100

106 13.4 10.6 15.8

104 7.3 5.8 8.6



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: 1.691 ng

RT: 19.11 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

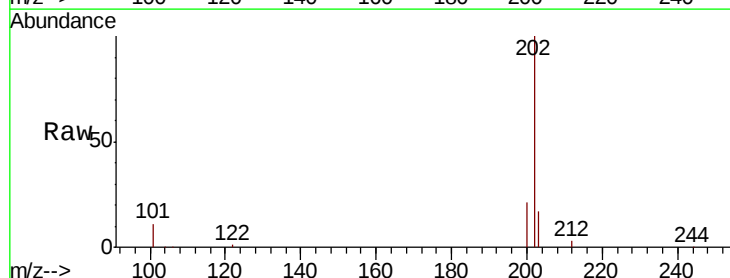
Tgt Ion:202 Resp: 136573

Ion Ratio Lower Upper

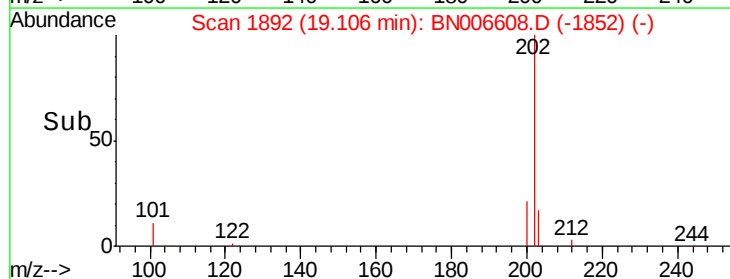
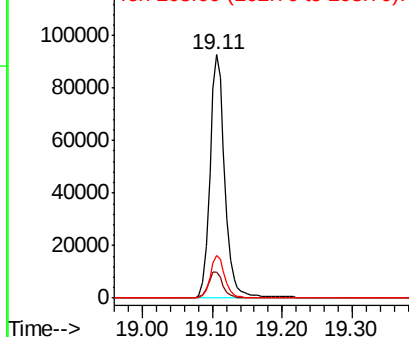
202 100

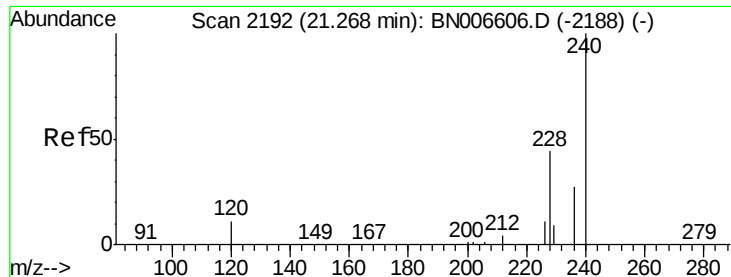
101 11.1 8.9 13.3

203 17.2 13.6 20.4



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: 21.27 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampleId :

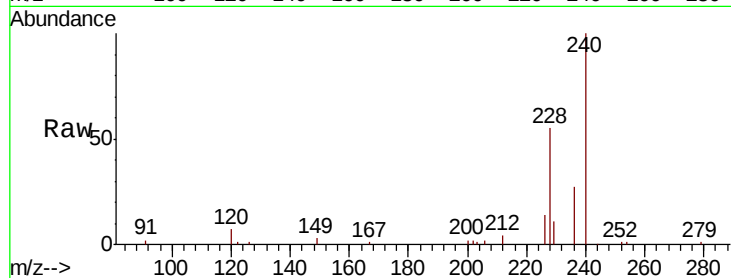
Tot Ion:240 Resp: 24947

Ion Ratio Lower Upper

240 100

120 6.6 9.9 14.9#

236 26.9 22.2 33.4

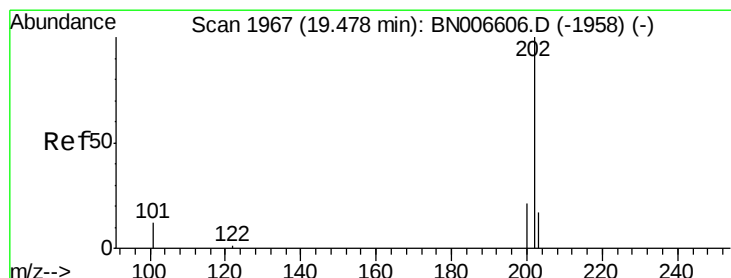
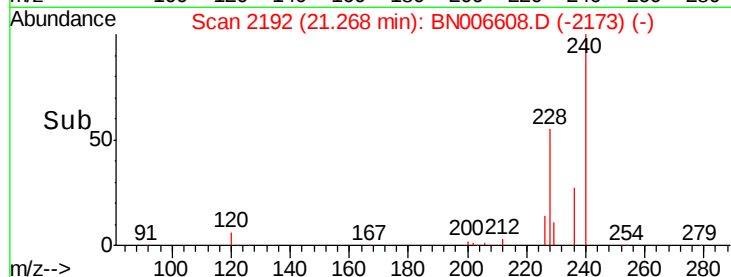
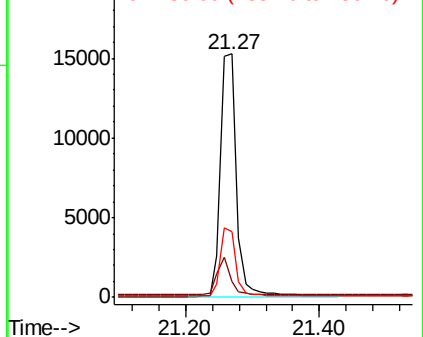


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.959 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

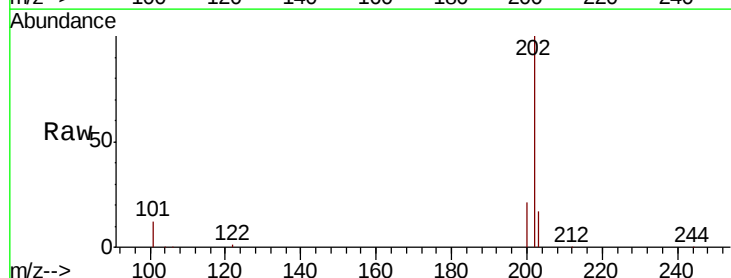
Tgt Ion:202 Resp: 138803

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.5 14.1 21.1

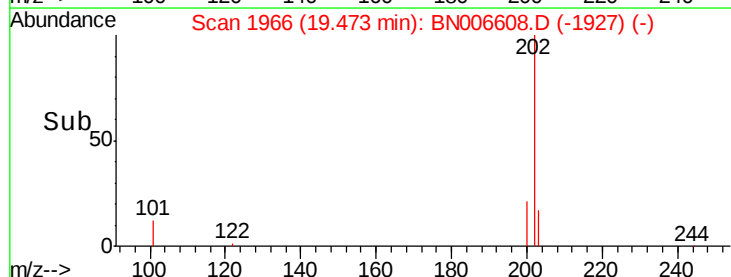
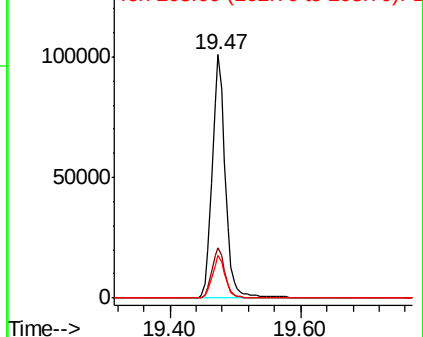


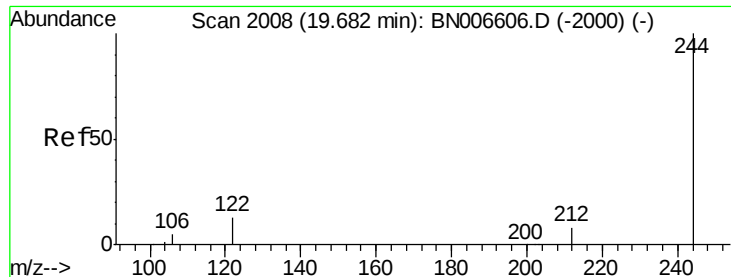
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.606 ng

RT: 19.68 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampleId :

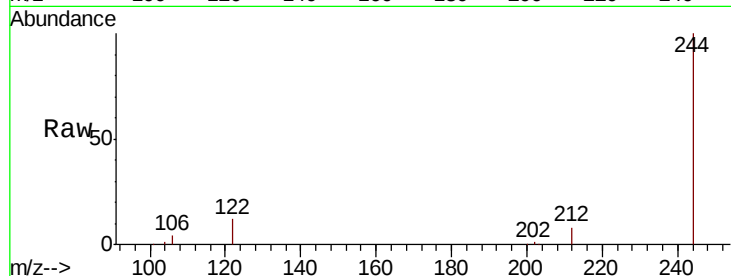
Tot Ion:244 Resp: 82339

Ion Ratio Lower Upper

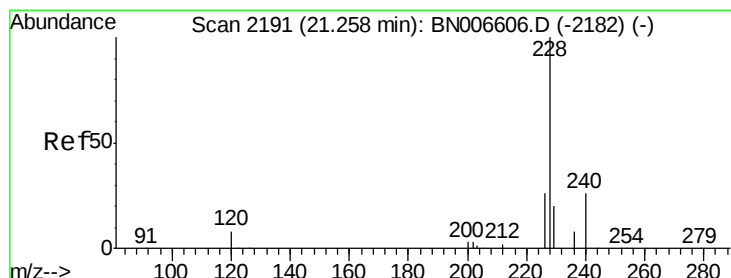
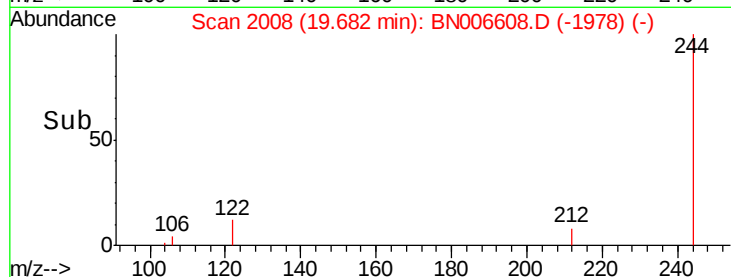
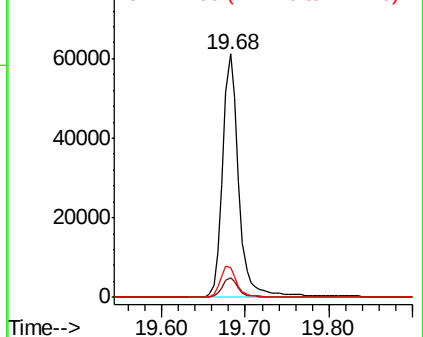
244 100

212 7.9 6.7 10.1

122 12.4 11.0 16.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 1.954 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

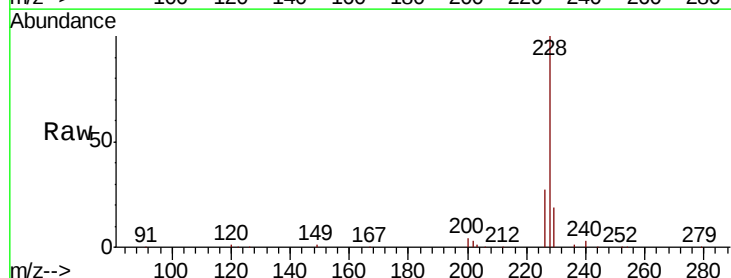
Tgt Ion:228 Resp: 137453

Ion Ratio Lower Upper

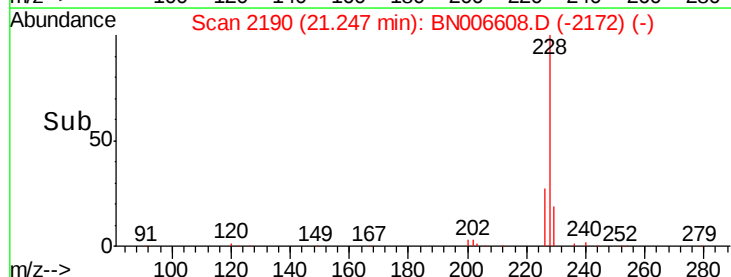
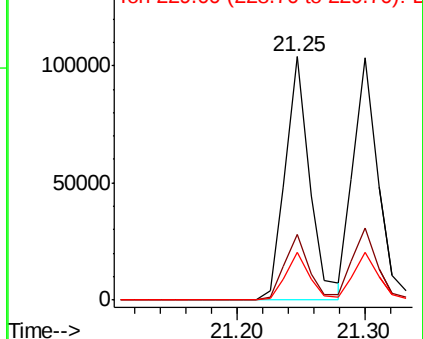
228 100

226 27.2 21.2 31.8

229 19.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.839 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampled :

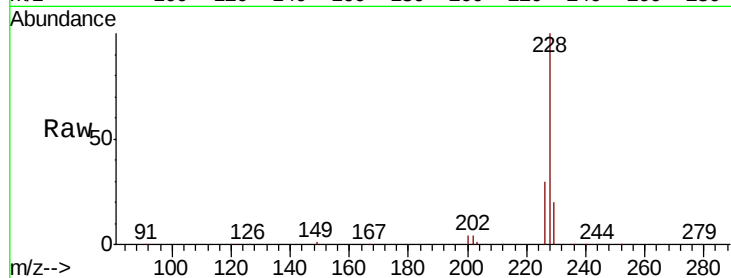
Tot Ion:228 Resp: 139463

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

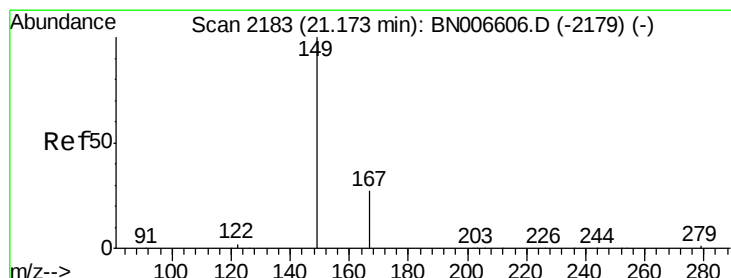
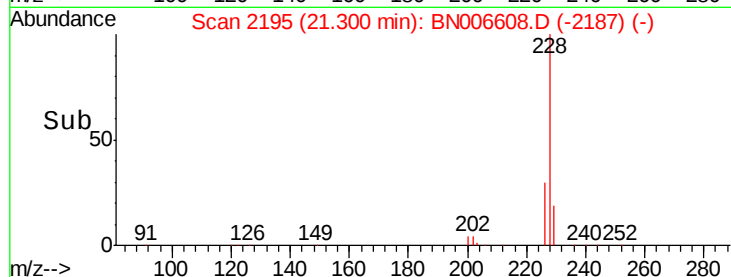
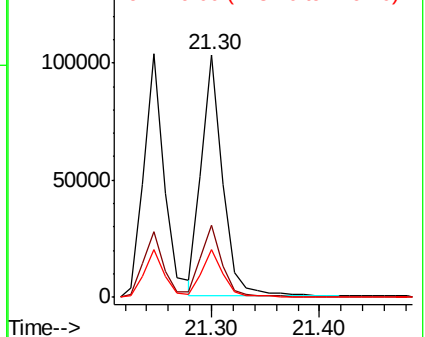
229 19.5 15.9 23.9



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: 2.223 ng

RT: 21.17 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

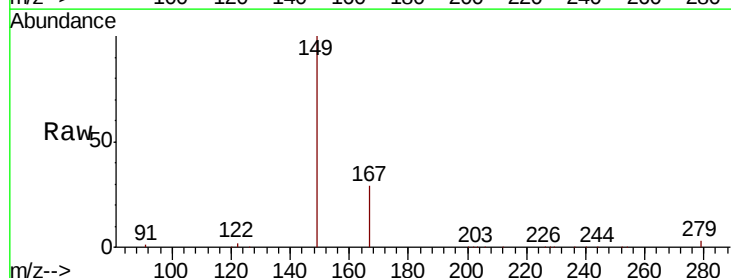
Tgt Ion:149 Resp: 65484

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

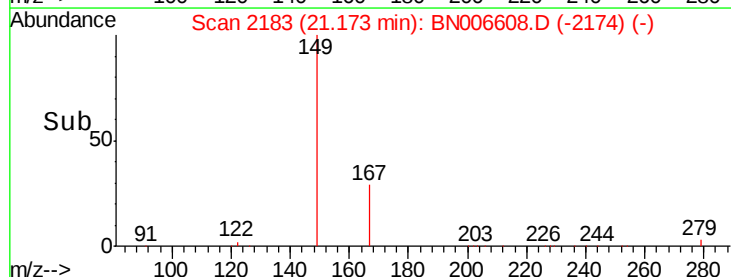
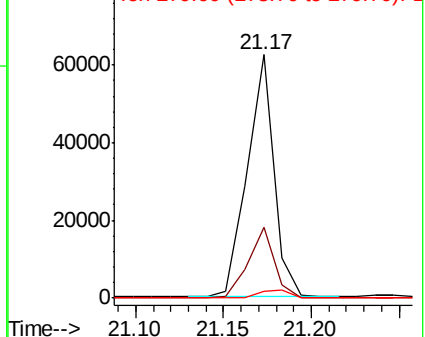
279 3.9 3.3 4.9

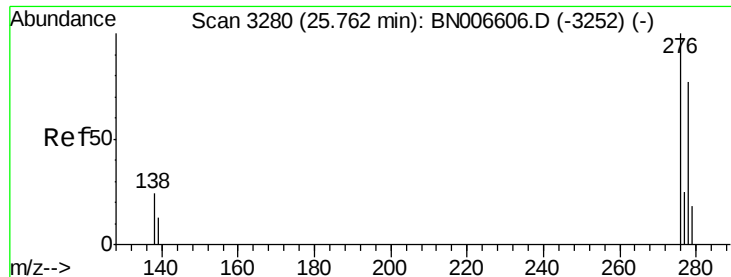


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

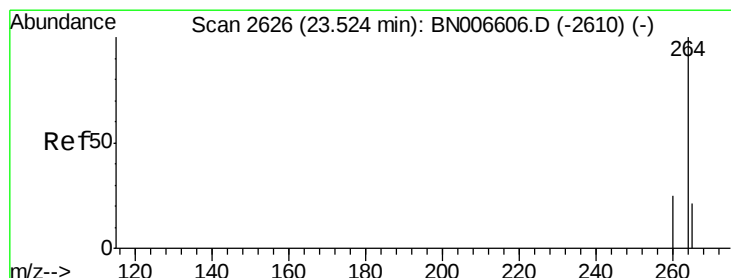
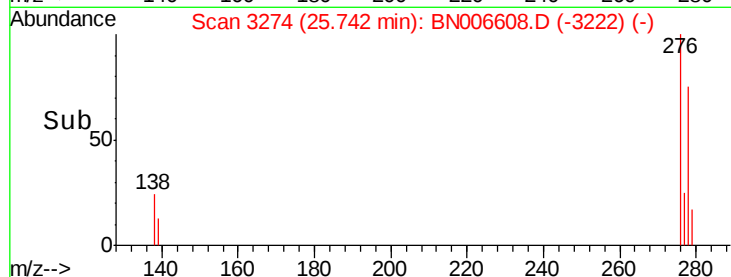
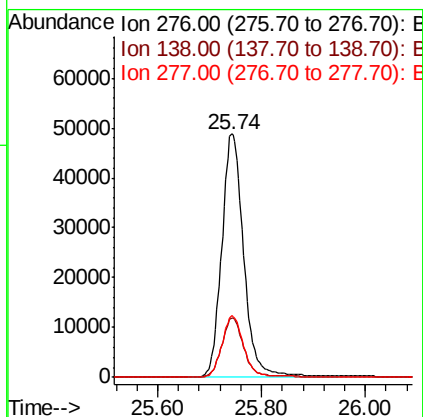
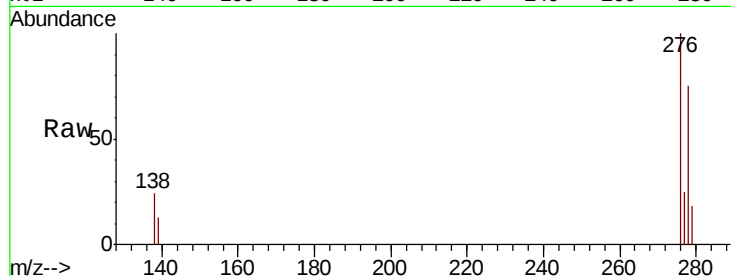




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.683 ng
 RT: 25.74 min Scan# 3274
 Delta R.T. -0.02 min
 Lab File: BN006608.D
 Acq: 28 Jun 2019 11:24

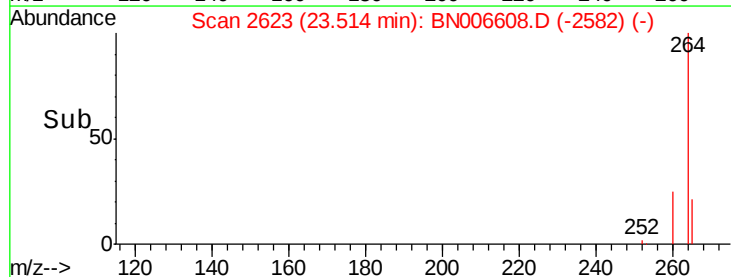
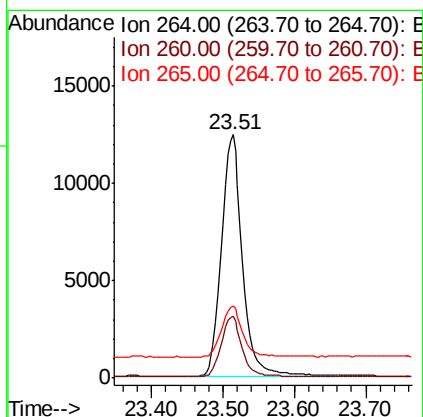
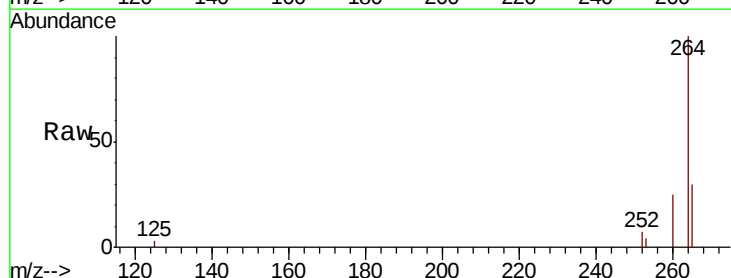
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 143515
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.3 28.9
 277 24.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.51 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BN006608.D
 Acq: 28 Jun 2019 11:24

Tgt Ion:264 Resp: 25513
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 29.6 23.3 34.9





#35

Benzo(b)fluoranthene

Concen: 1.717 ng

RT: 22.84 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampled :

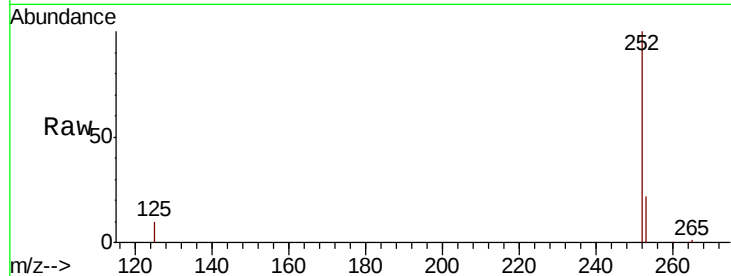
Tot Ion:252 Resp: 140454

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

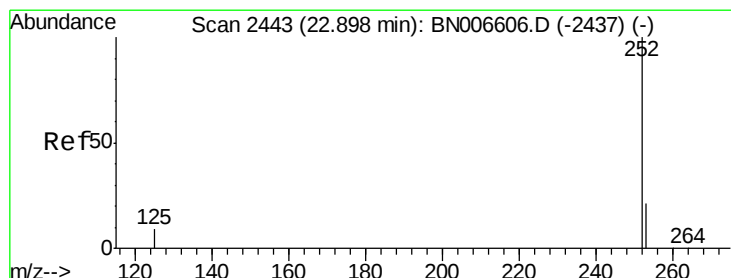
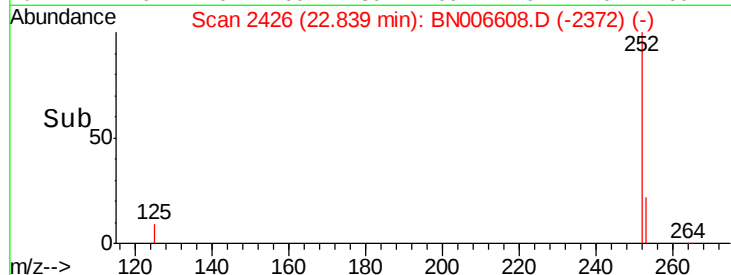
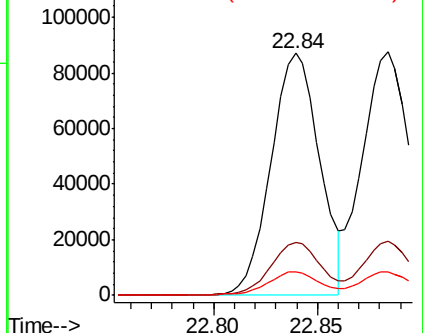
125 9.7 8.7 13.1



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: 1.927 ng

RT: 22.88 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

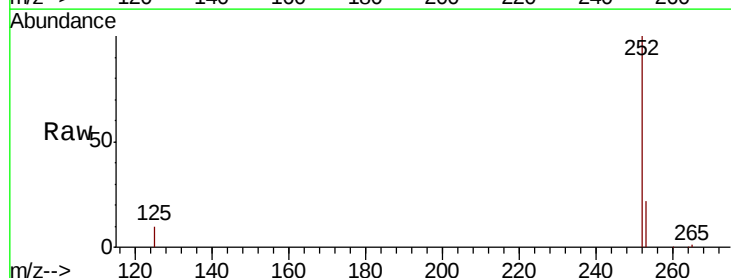
Tgt Ion:252 Resp: 152290

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

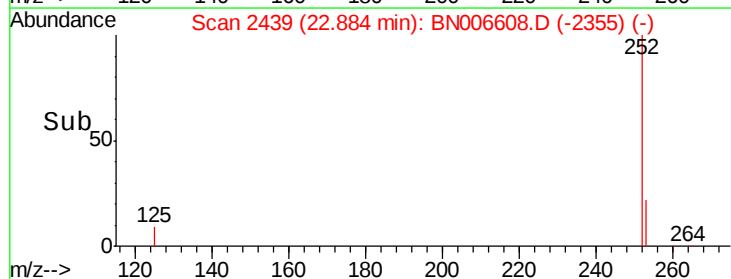
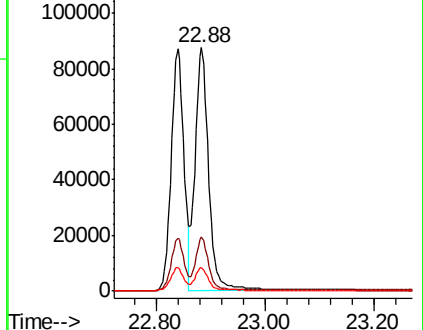
125 9.6 8.4 12.6



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





#37

Benzo(a)pyrene

Concen: 1.817 ng

RT: 23.41 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampleId :

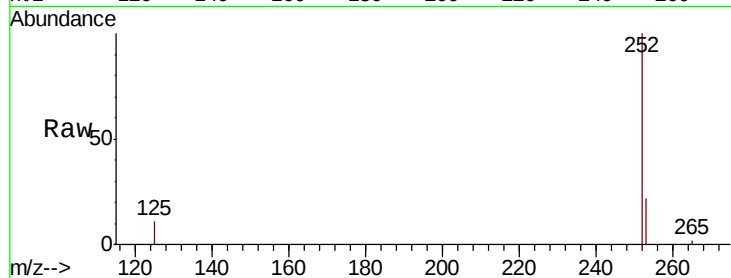
Tot Ion:252 Resp: 132117

Ion Ratio Lower Upper

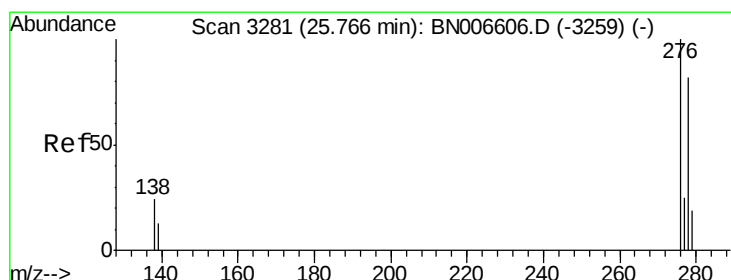
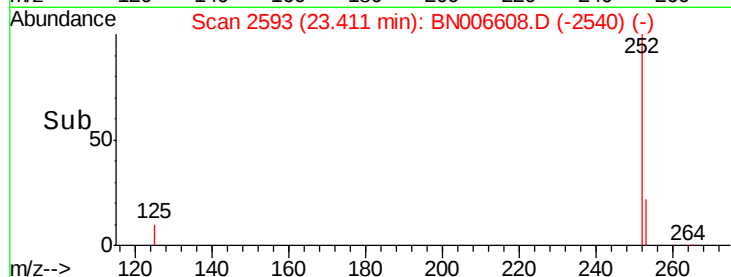
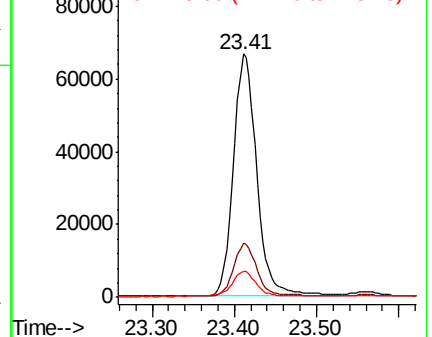
252 100

253 22.2 18.8 28.2

125 10.7 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 1.595 ng

RT: 25.75 min Scan# 3276

Delta R.T. -0.02 min

Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

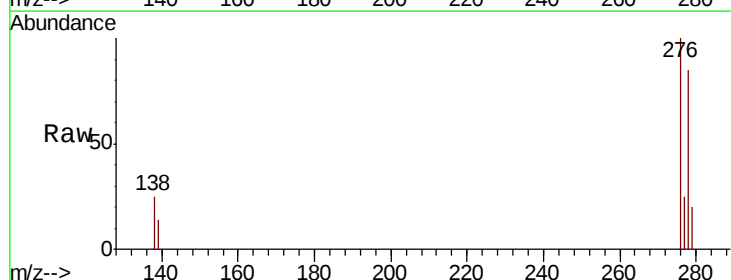
Tgt Ion:278 Resp: 116080

Ion Ratio Lower Upper

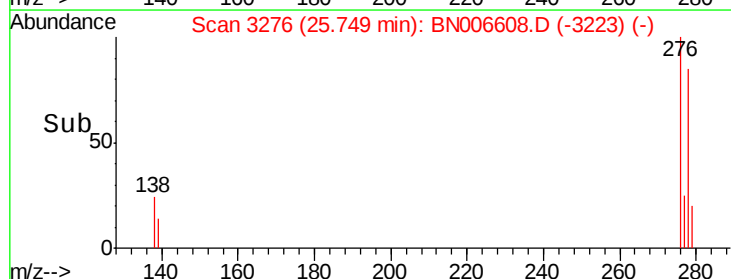
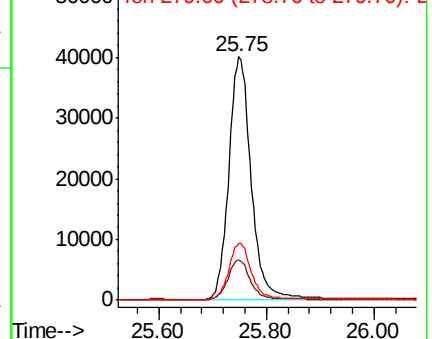
278 100

139 16.5 13.5 20.3

279 23.5 19.4 29.2



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: 1.561 ng

RT: 26.43 min Scan# 3475

Delta R.T. -0.02 min

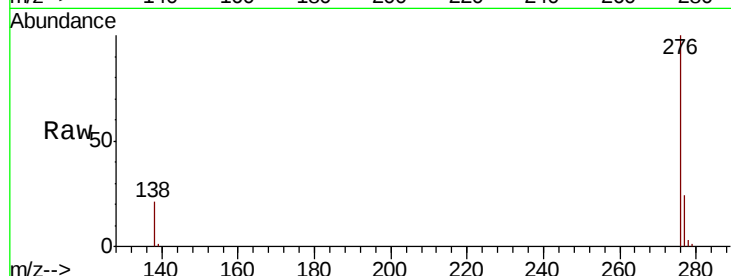
Lab File: BN006608.D

Acq: 28 Jun 2019 11:24

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 114417

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 21.4 17.7 26.5

