

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062819\
 Data File : BN006610.D
 Acq On : 28 Jun 2019 12:33
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 28 13:18:54 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	7.62	152	5920	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	26330	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	15751	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	35323	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	35937	0.40	ng	0.00
34) Perylene-d12	23.52	264	34161	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	76591	5.18	ng	-0.02
5) Phenol-d6	6.80	99	108867	6.22	ng	-0.03
8) Nitrobenzene-d5	8.77	82	105541	6.92	ng	-0.03
11) 2-Methylnaphthalene-d10	11.99	152	217380	5.33	ng	0.00
14) 2,4,6-Tribromophenol	15.77	330	47660	5.39	ng	-0.02
15) 2-Fluorobiphenyl	12.88	172	299785	5.04	ng	-0.01
25) Fluoranthene-d10	19.08	212	557887	5.53	ng	0.00
29) Terphenyl-d14	19.68	244	388906	5.27	ng	0.00

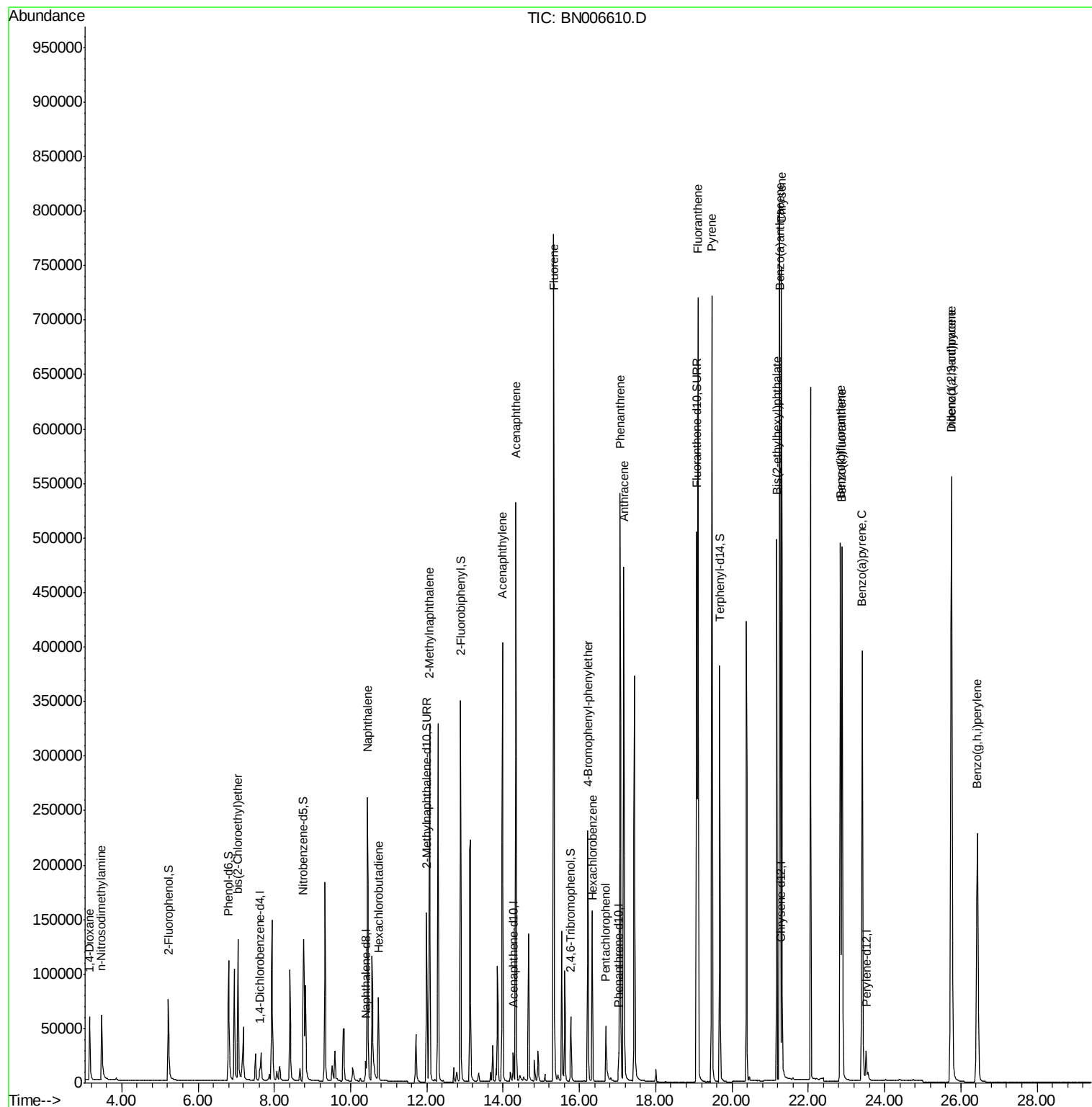
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	38571	6.059	ng	99
3) n-Nitrosodimethylamine	3.47	42	42530	10.948	ng	# 96
6) bis(2-Chloroethyl)ether	7.05	93	97780	5.914	ng	88
9) Naphthalene	10.44	128	341508	5.160	ng	99
10) Hexachlorobutadiene	10.73	225	66785	5.436	ng	# 99
12) 2-Methylnaphthalene	12.07	142	241173	5.051	ng	99
16) Acenaphthylene	13.99	152	416976	5.608	ng	100
17) Acenaphthene	14.33	154	251993	5.337	ng	99
18) Fluorene	15.32	166	323772	5.110	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	109652	5.422	ng	92
21) Hexachlorobenzene	16.35	284	124882	5.593	ng	100
22) Pentachlorophenol	16.70	266	36592	7.413	ng	87
23) Phenanthrene	17.07	178	528061	5.342	ng	100
24) Anthracene	17.16	178	505917	5.745	ng	100
26) Fluoranthene	19.11	202	623674	5.150	ng	99
28) Pyrene	19.47	202	642988	6.299	ng	100
30) Benzo(a)anthracene	21.25	228	638958	6.305	ng	99
31) Chrysene	21.30	228	618115	5.658	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	384462	9.060	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	588061	4.788	ng	100
35) Benzo(b)fluoranthene	22.85	252	612650	5.594	ng	98
36) Benzo(k)fluoranthene	22.89	252	615911	5.819	ng	98
37) Benzo(a)pyrene	23.41	252	557889	5.729	ng	97
38) Dibenzo(a,h)anthracene	25.76	278	477462	4.900	ng	98
39) Benzo(g,h,i)perylene	26.43	276	469850	4.789	ng	98

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

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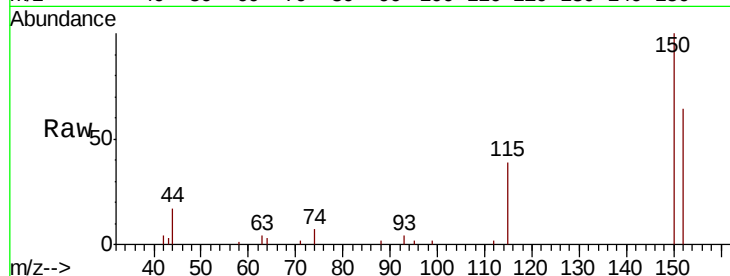


#1

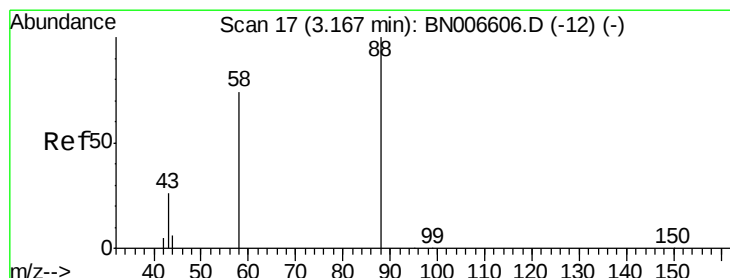
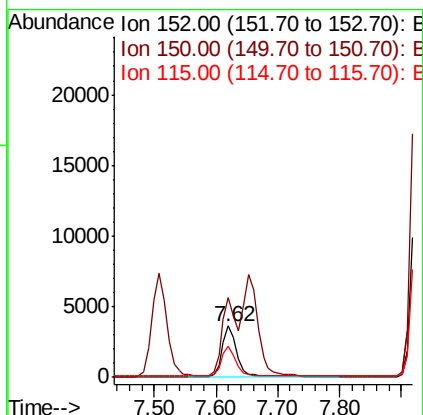
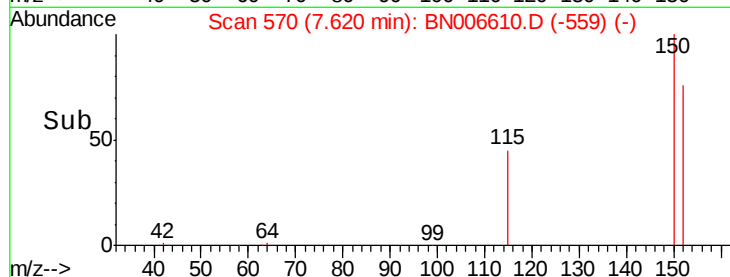
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5920
Ion Ratio Lower Upper
152 100
150 156.3 122.2 183.2
115 60.6 50.0 75.0



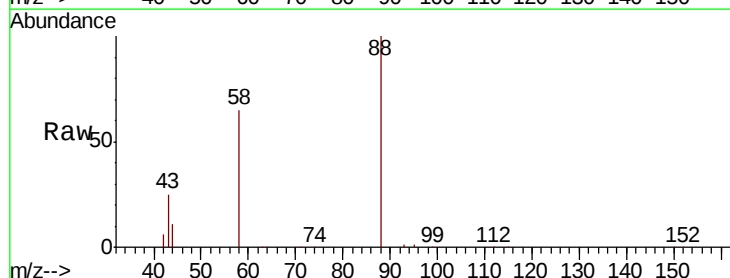
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



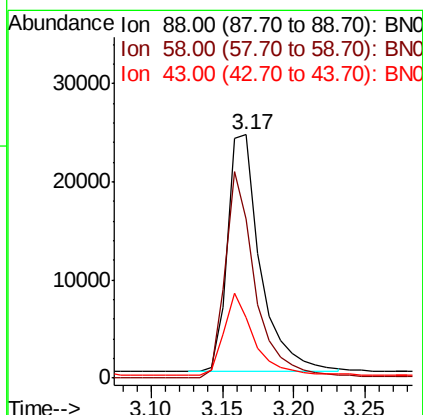
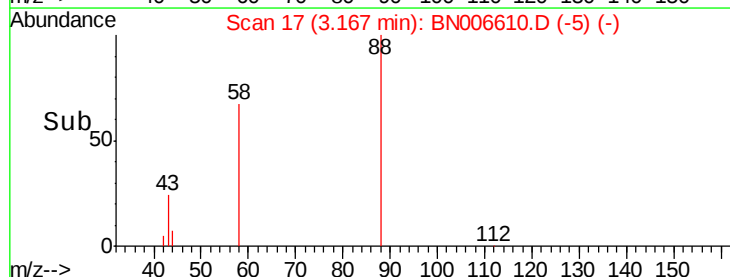
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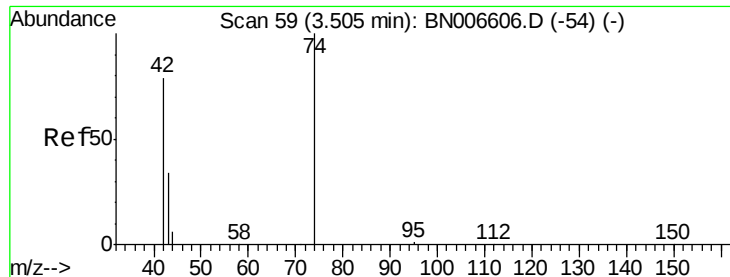
1,4-Dioxane
Concen: 6.059 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion: 88 Resp: 38571
Ion Ratio Lower Upper
88 100
58 79.1 62.5 93.7
43 30.7 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



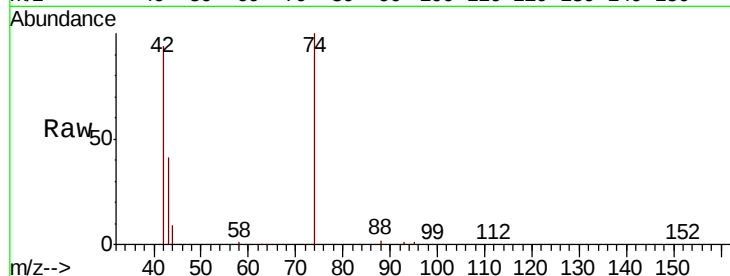


#3

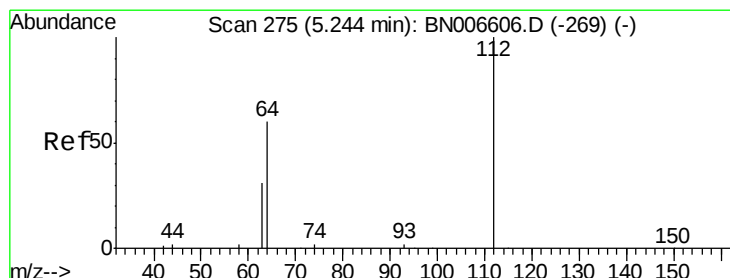
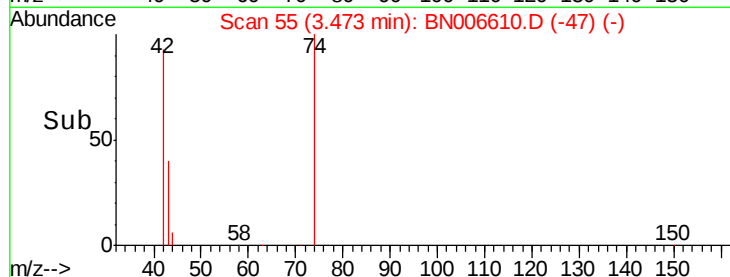
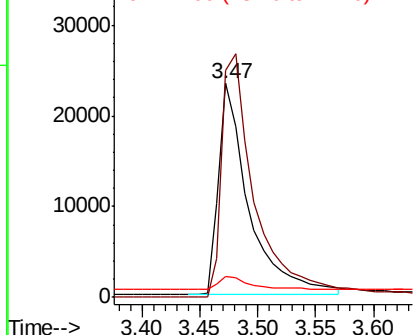
n-Nitrosodimethylamine
 Concen: 10.948 ng
 RT: 3.47 min Scan# 55
 Delta R.T. -0.03 min
 Lab File: BN006610.D
 Acq: 28 Jun 2019 12:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	124.2	103.1	154.7
44	6.9	3.4	5.2#



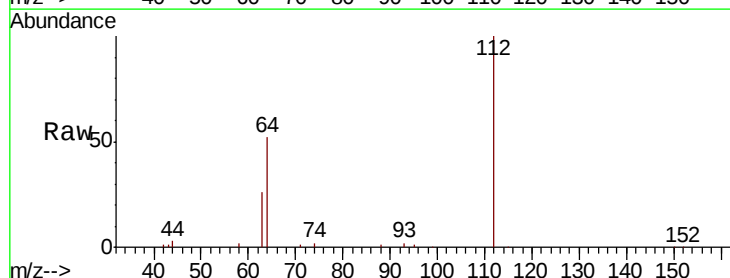
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



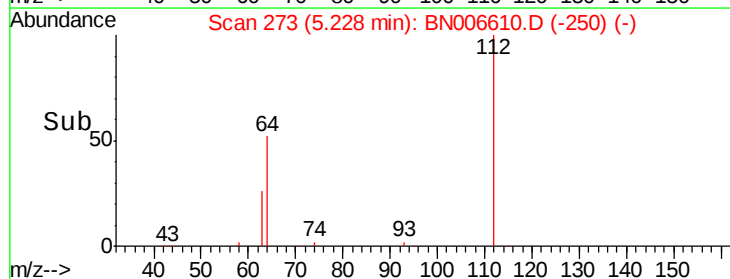
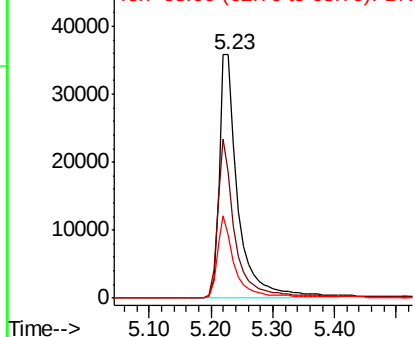
#4

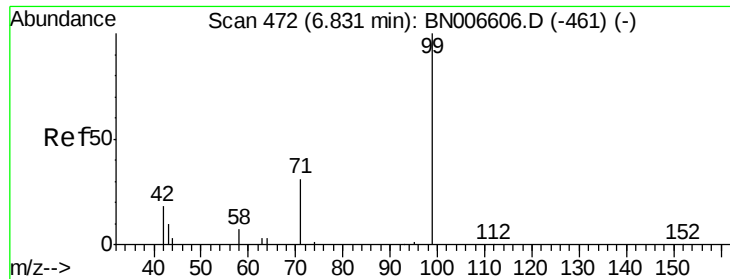
2-Fluorophenol
 Concen: 5.182 ng
 RT: 5.23 min Scan# 273
 Delta R.T. -0.02 min
 Lab File: BN006610.D
 Acq: 28 Jun 2019 12:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	48.9	73.3
63	31.2	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: 6.220 ng

RT: 6.80 min Scan# 468

Delta R.T. -0.03 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :

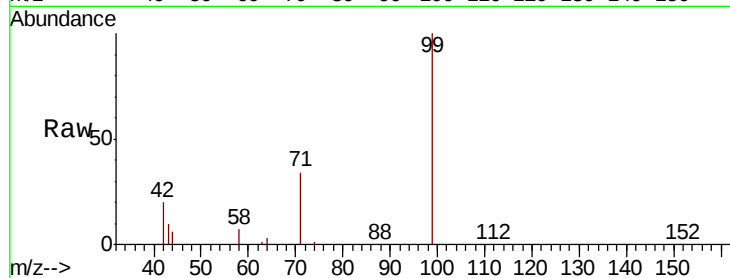
Tot Ion: 99 Resp: 108867

Ion Ratio Lower Upper

99 100

42 20.8 16.4 24.6

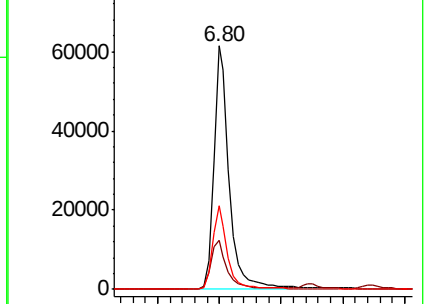
71 33.1 26.6 40.0



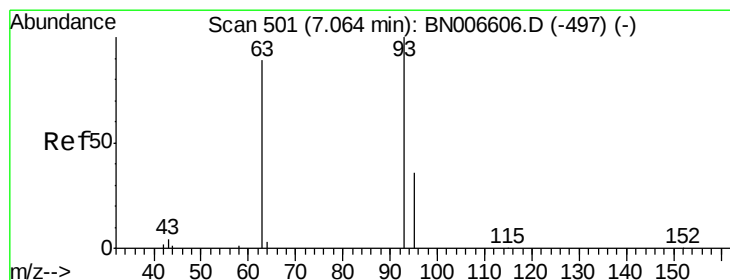
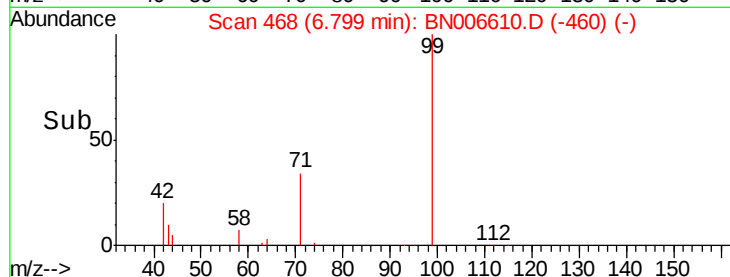
Abundance Ion 99.00 (98.70 to 99.70): BN006610.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006610.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006610.D (-460) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 5.914 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.02 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

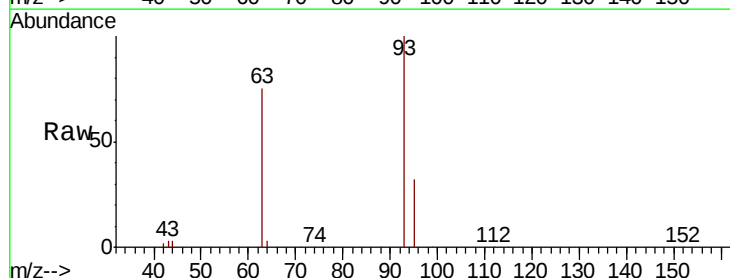
Tgt Ion: 93 Resp: 97780

Ion Ratio Lower Upper

93 100

63 77.8 52.5 78.7

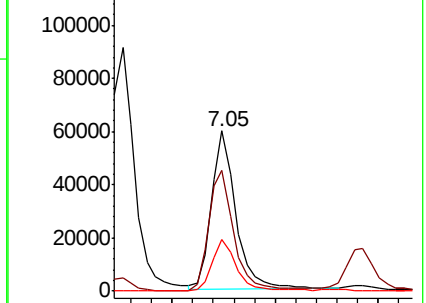
95 32.1 24.2 36.4



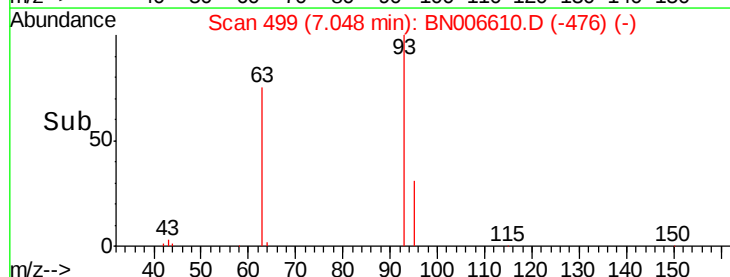
Abundance Ion 93.00 (92.70 to 93.70): BN006610.D (-476) (-)

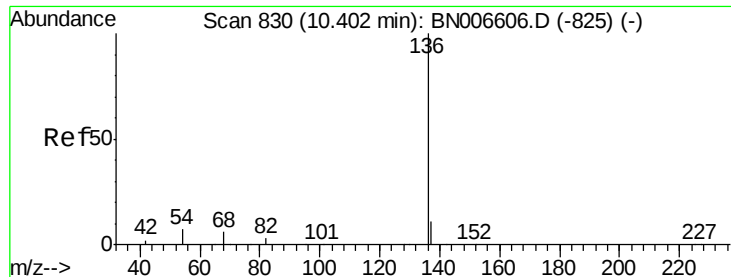
Ion 63.00 (62.70 to 63.70): BN006610.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006610.D (-476) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 26330

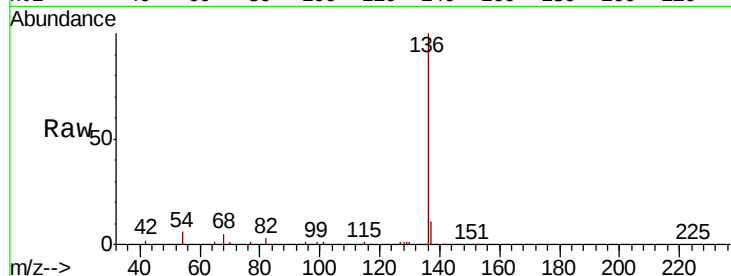
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 5.7 6.7 10.1#

68 4.6 5.3 7.9#

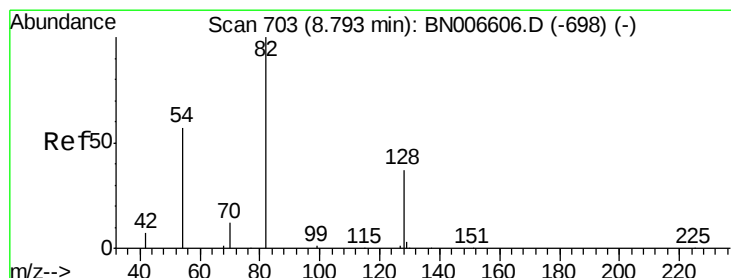
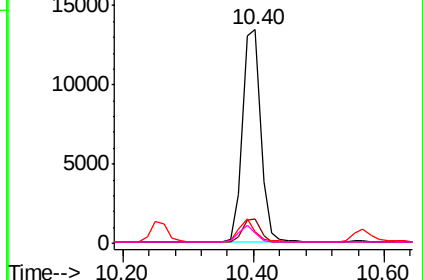
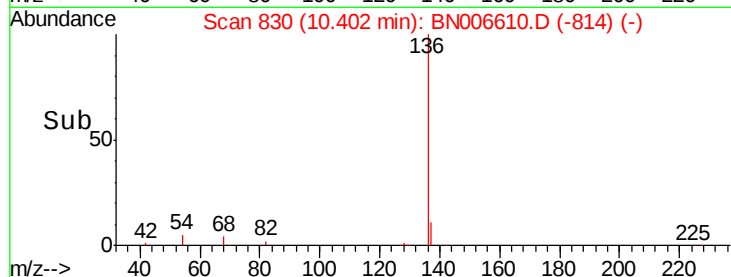


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.916 ng

RT: 8.77 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

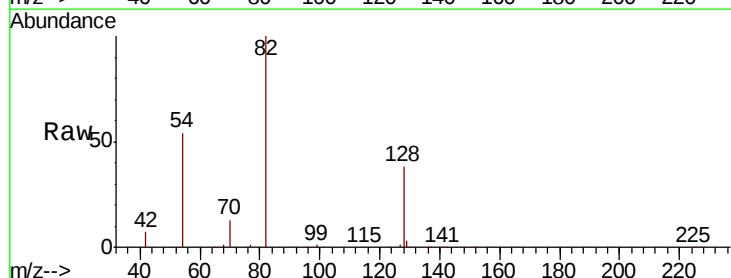
Tgt Ion: 82 Resp: 105541

Ion Ratio Lower Upper

82 100

128 37.6 32.6 49.0

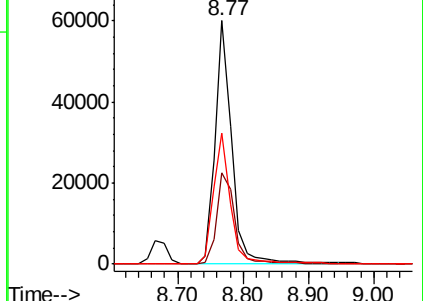
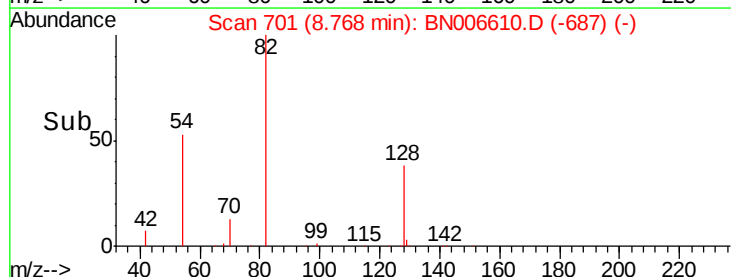
54 53.6 48.2 72.4

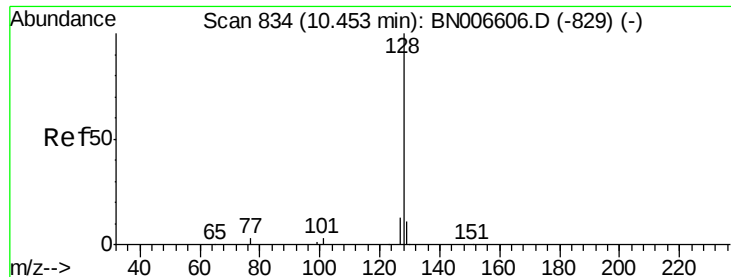


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 5.160 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.01 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :

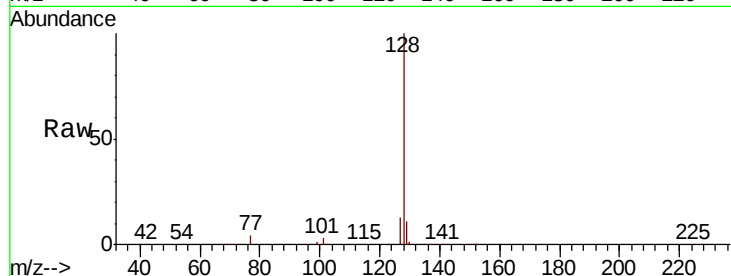
Tot Ion:128 Resp: 341508

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

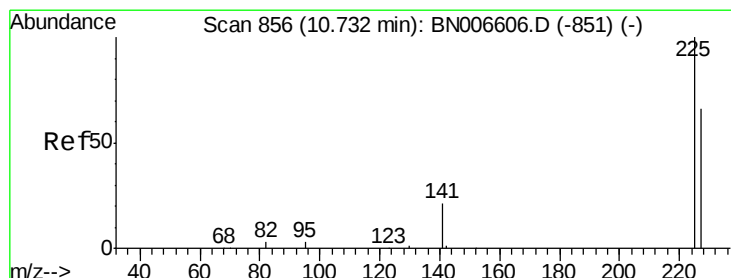
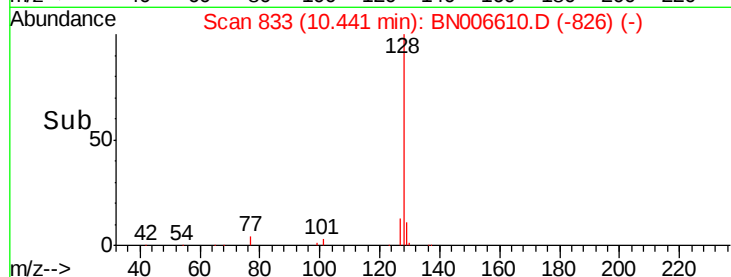
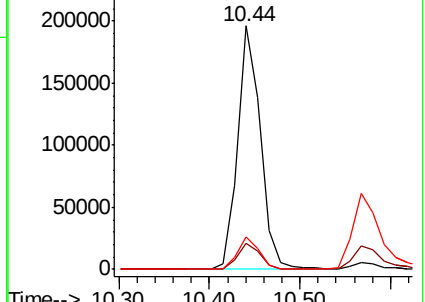
127 13.2 10.8 16.2



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: 5.436 ng

RT: 10.73 min Scan# 856

Delta R.T. 0.00 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

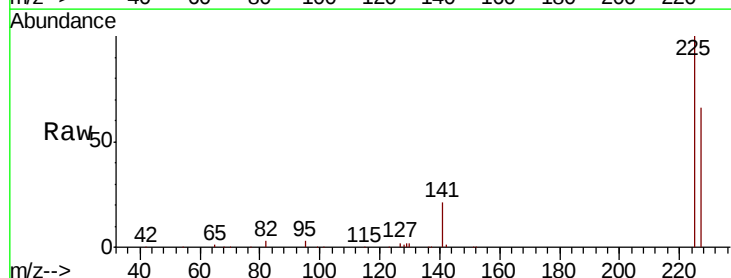
Tgt Ion:225 Resp: 66785

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

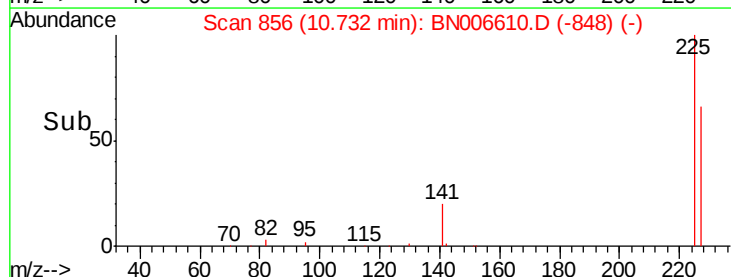
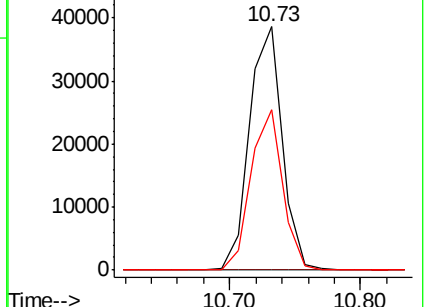
227 63.9 51.4 77.2

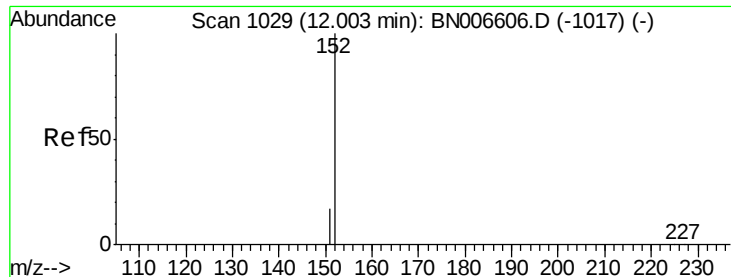


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

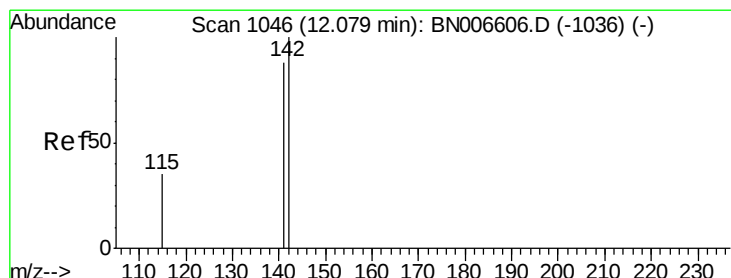
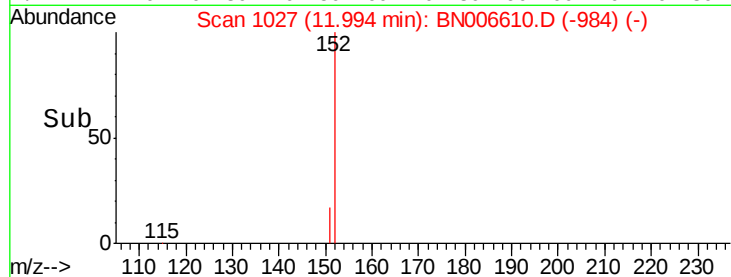
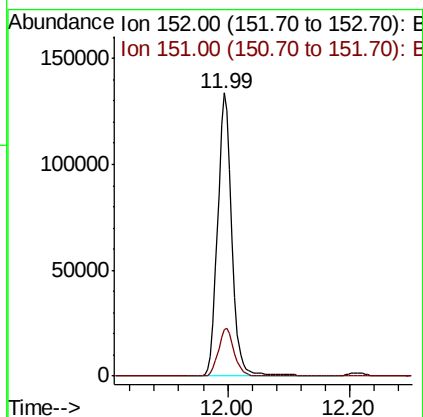
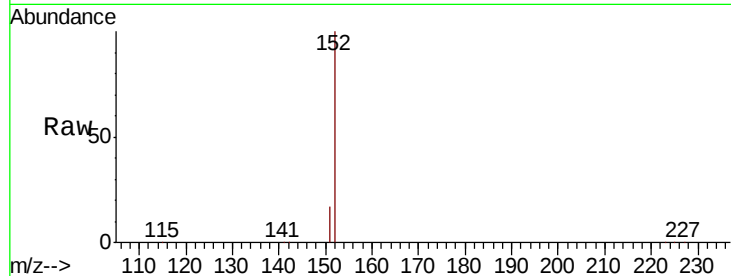




#11
 2-Methylnaphthalene-d10
 Concen: 5.328 ng
 RT: 11.99 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BN006610.D
 Acq: 28 Jun 2019 12:33

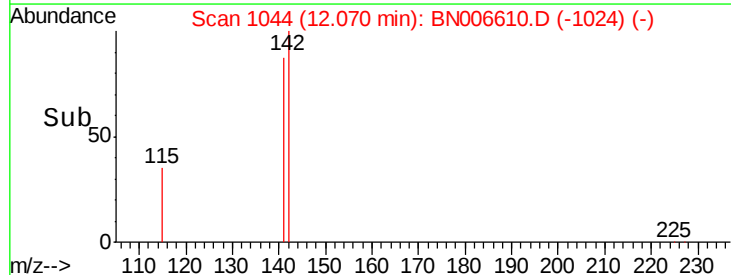
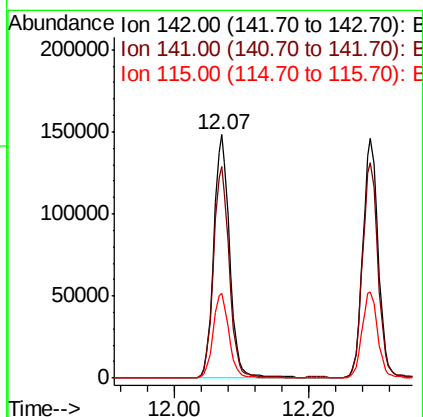
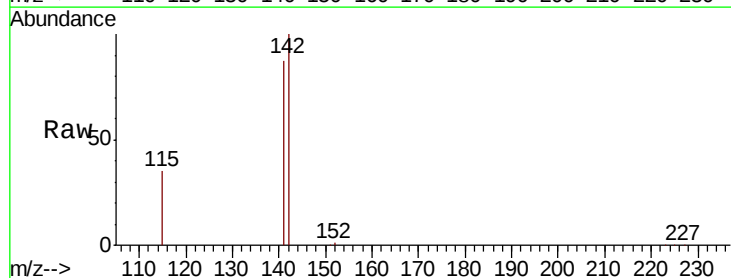
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 217380
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 5.051 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BN006610.D
 Acq: 28 Jun 2019 12:33

Tgt Ion:142 Resp: 241173
 Ion Ratio Lower Upper
 142 100
 141 87.1 70.2 105.4
 115 34.7 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: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampled :

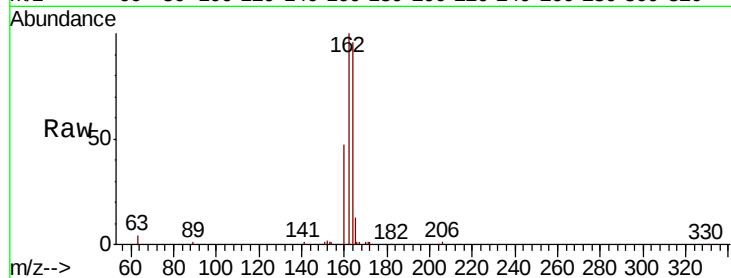
Tot Ion:164 Resp: 15751

Ion Ratio Lower Upper

164 100

162 103.7 80.0 120.0

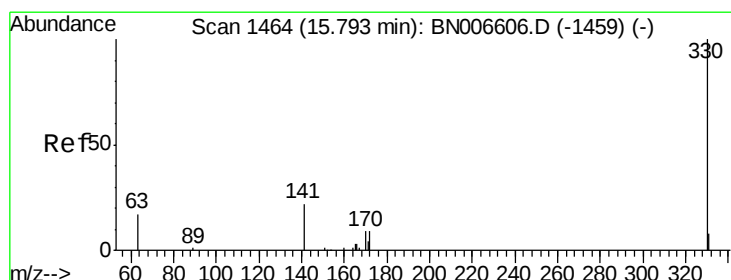
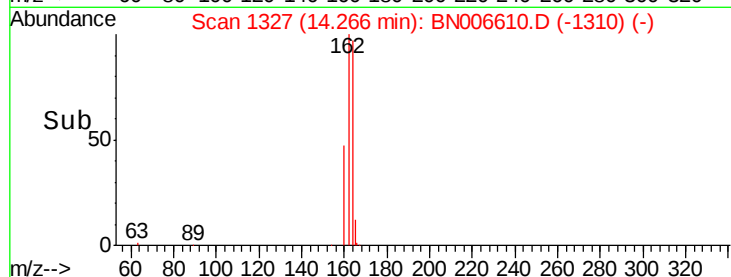
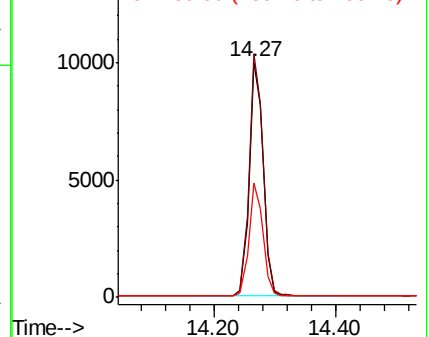
160 48.6 37.0 55.4



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: 5.395 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

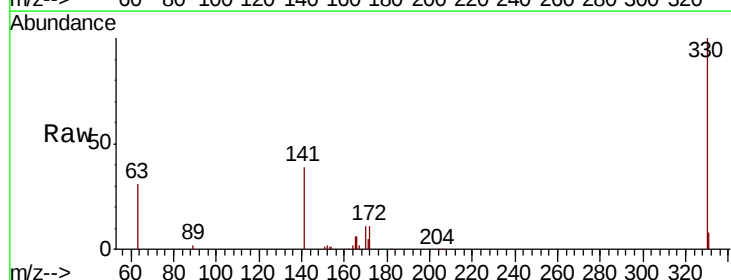
Tgt Ion:330 Resp: 47660

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

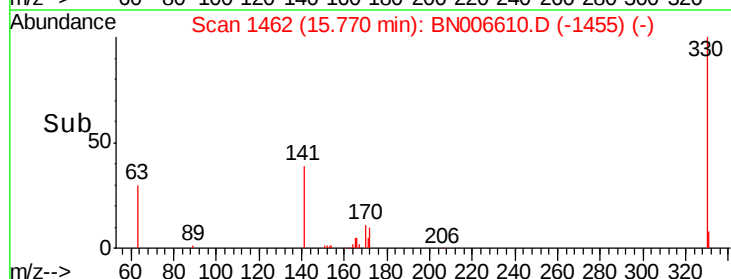
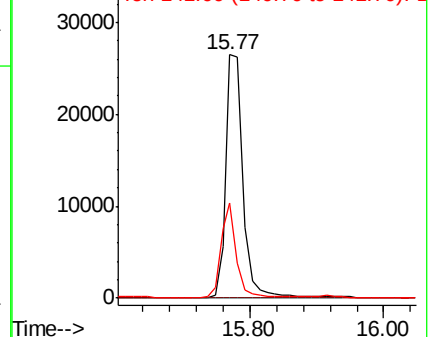
141 34.3 26.5 39.7

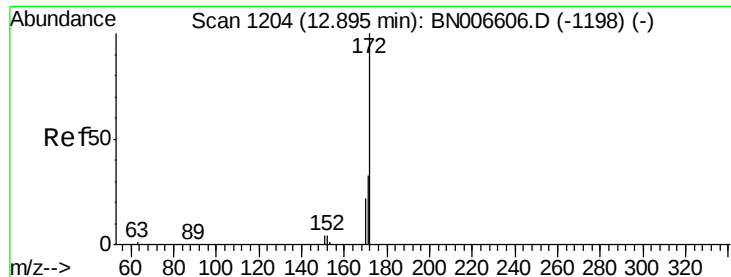


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

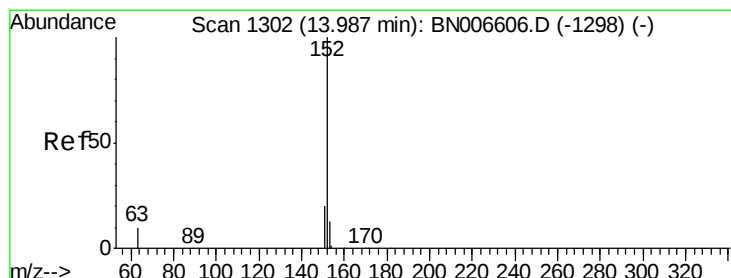
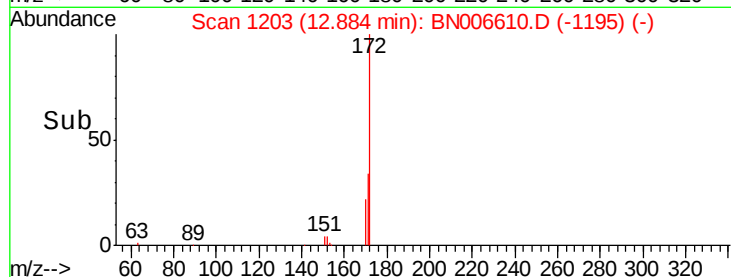
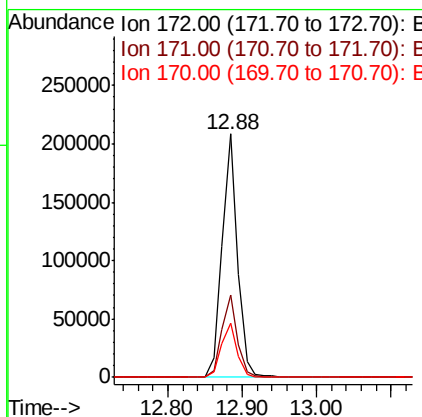
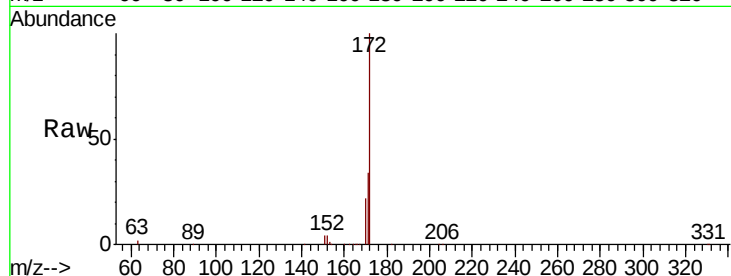




#15
2-Fluorobiphenyl
Concen: 5.041 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

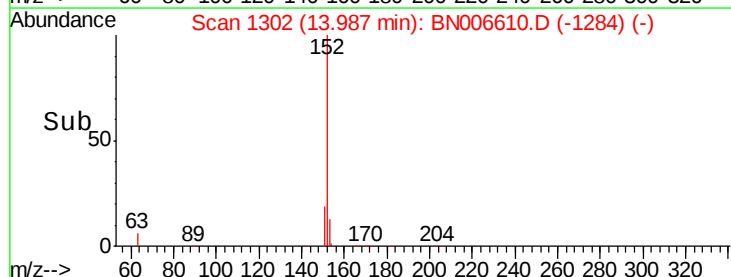
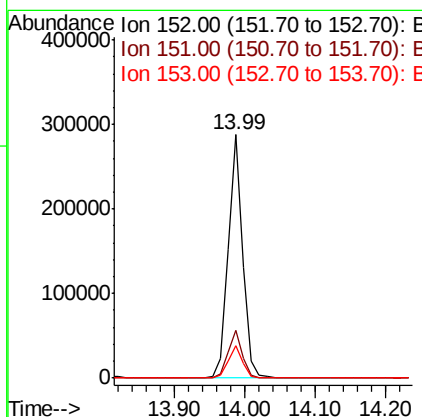
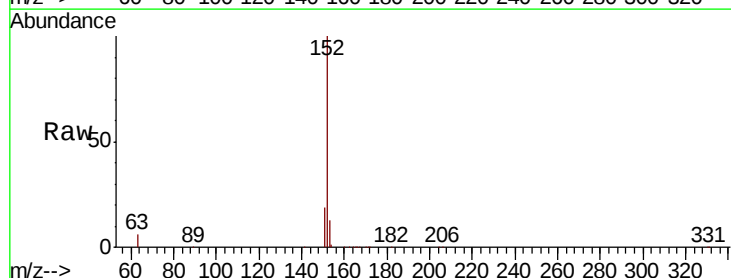
Instrument :
BNA_N
ClientSampleId :

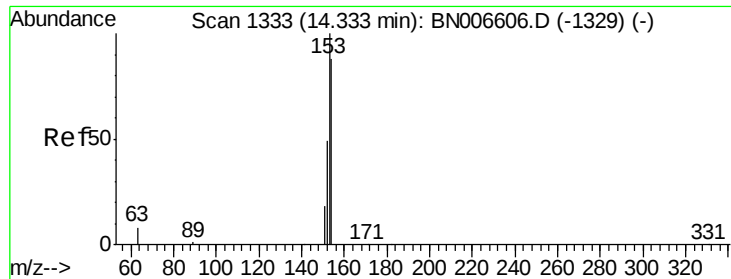
Tot Ion:172 Resp: 299785
Ion Ratio Lower Upper
172 100
171 33.8 27.0 40.4
170 22.4 17.7 26.5



#16
Acenaphthylene
Concen: 5.608 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:152 Resp: 416976
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 5.337 ng

RT: 14.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :

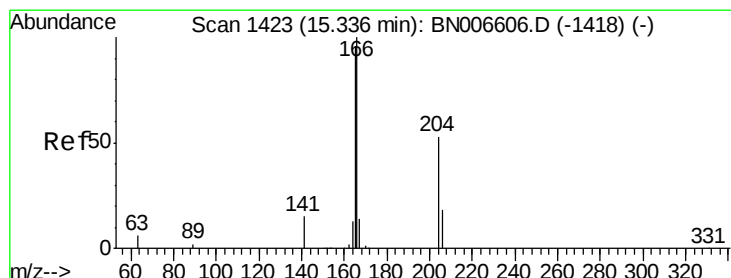
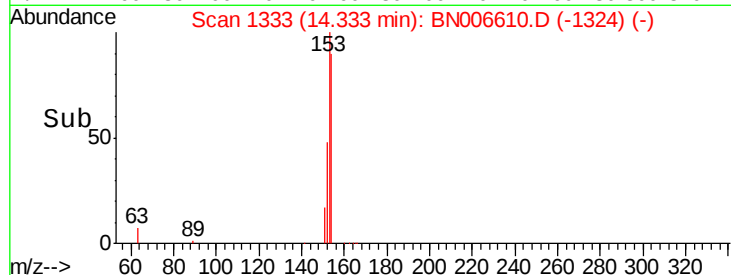
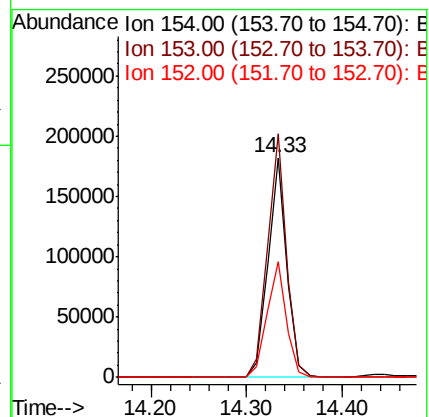
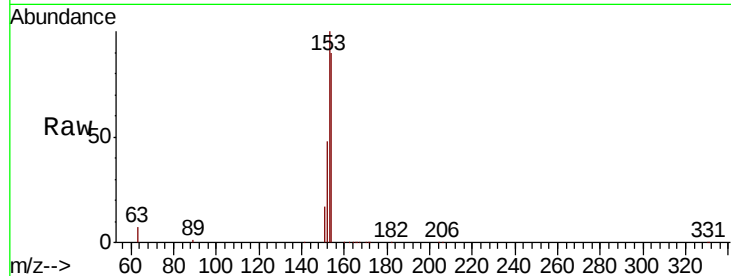
Tot Ion:154 Resp: 251993

Ion Ratio Lower Upper

154 100

153 111.9 90.2 135.4

152 53.9 44.2 66.4



#18

Fluorene

Concen: 5.110 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

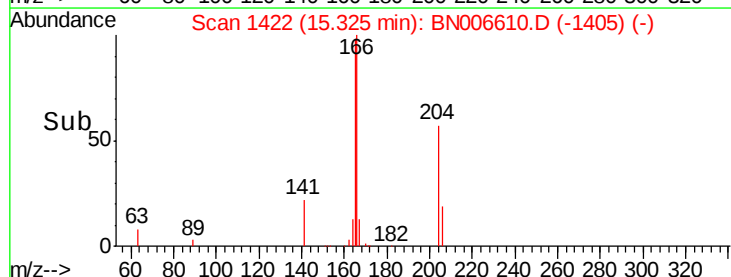
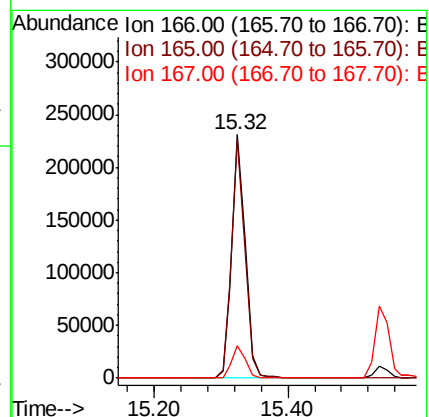
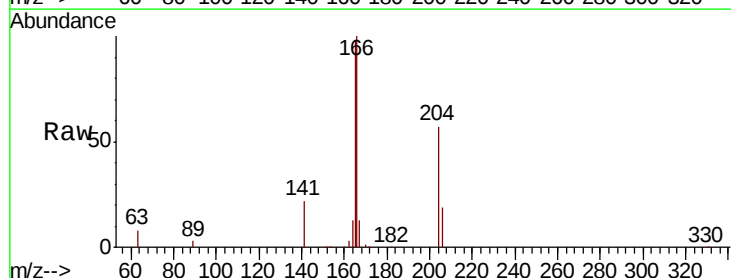
Tgt Ion:166 Resp: 323772

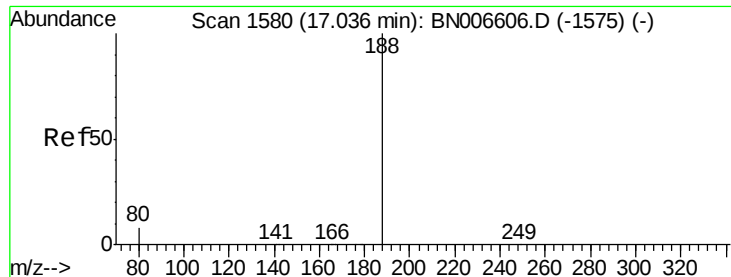
Ion Ratio Lower Upper

166 100

165 97.0 78.4 117.6

167 13.4 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :

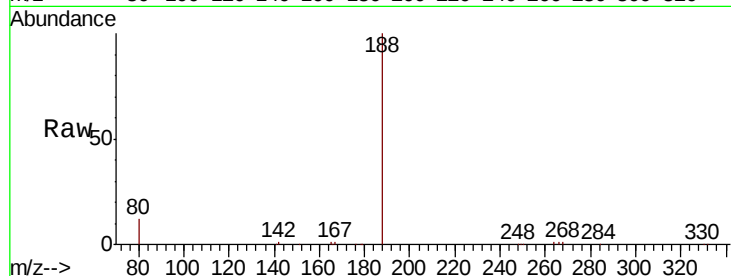
Tot Ion:188 Resp: 35323

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

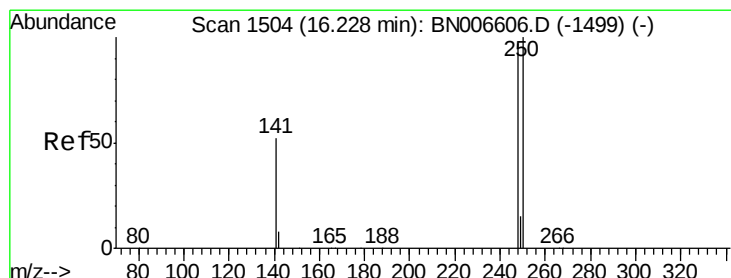
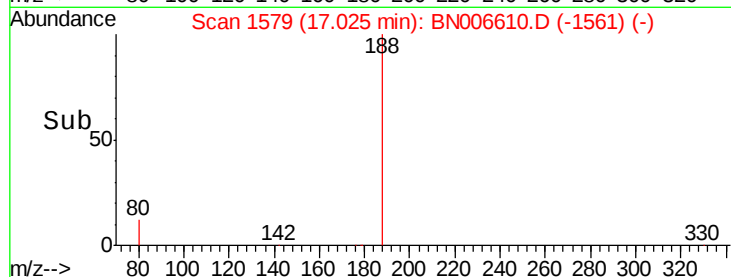
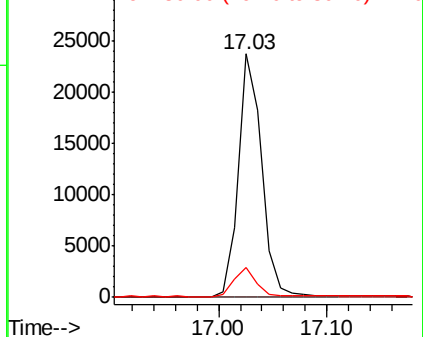
80 12.2 7.1 10.7#



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: 5.422 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

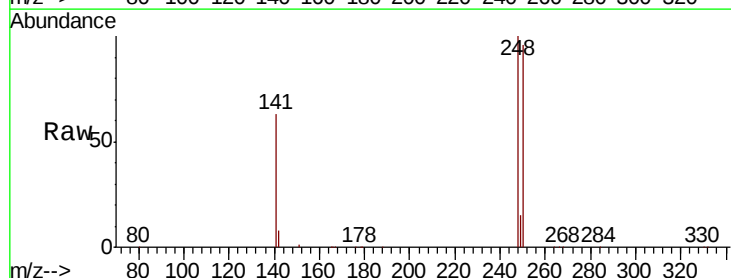
Tgt Ion:248 Resp: 109652

Ion Ratio Lower Upper

248 100

250 96.4 82.2 123.4

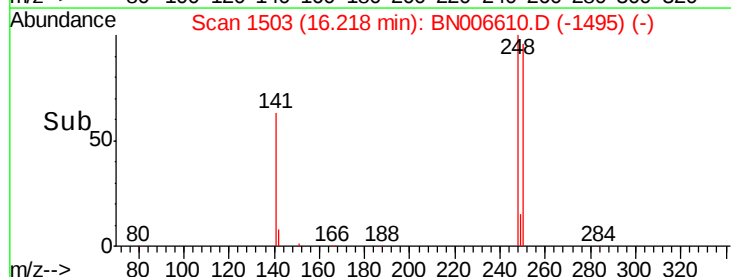
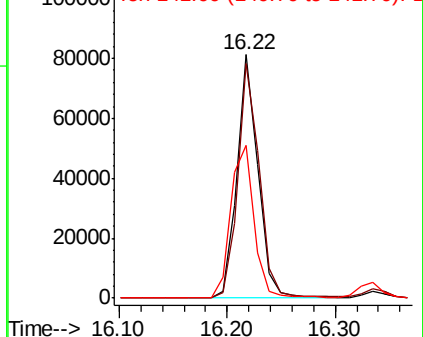
141 62.8 43.8 65.8

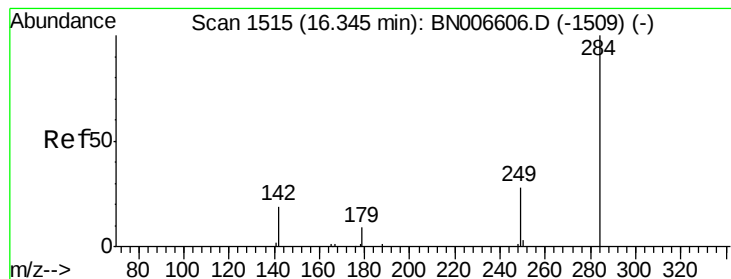


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.593 ng

RT: 16.35 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampled :

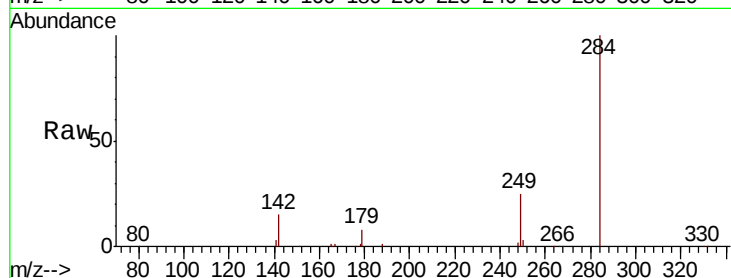
Tot Ion:284 Resp: 124882

Ion Ratio Lower Upper

284 100

142 34.1 27.5 41.3

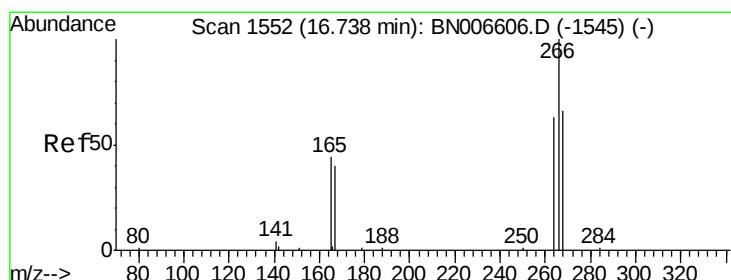
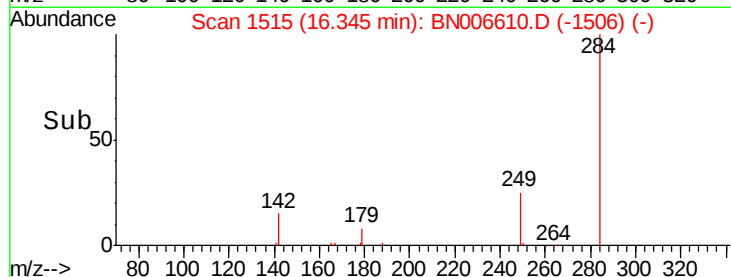
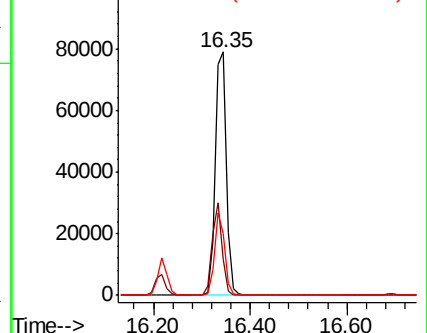
249 30.8 24.7 37.1



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: 7.413 ng

RT: 16.70 min Scan# 1548

Delta R.T. -0.04 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

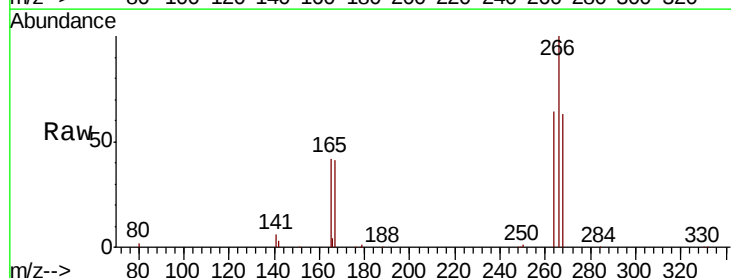
Tgt Ion:266 Resp: 36592

Ion Ratio Lower Upper

266 100

264 63.7 56.2 84.4

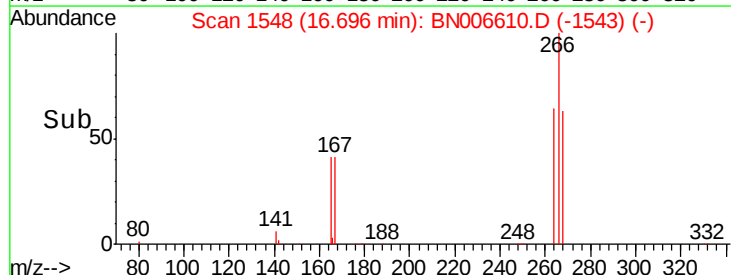
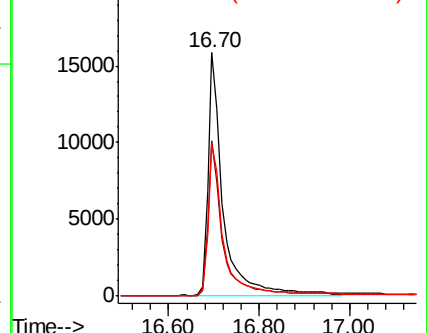
268 63.0 63.0 94.4

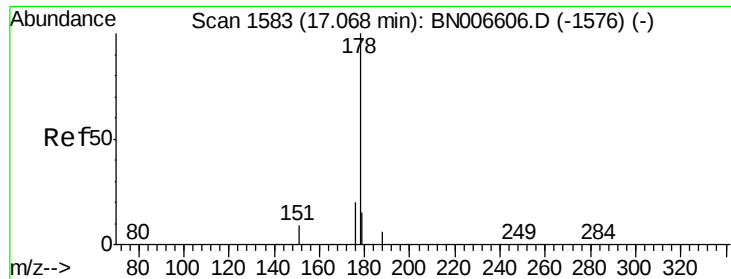


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.342 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :

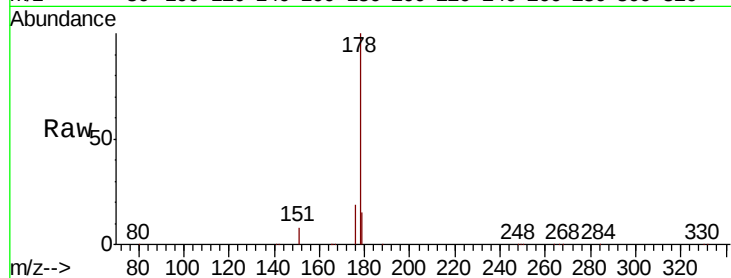
Tot Ion:178 Resp: 528061

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

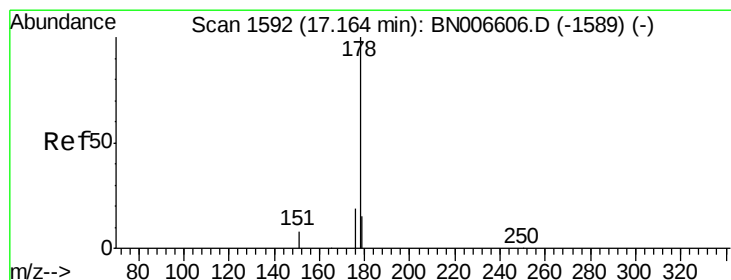
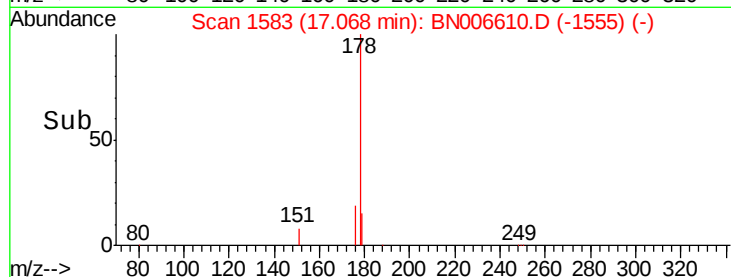
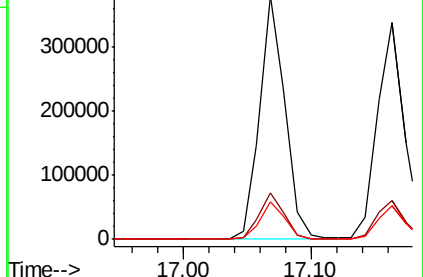
179 15.3 12.2 18.4



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: 5.745 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

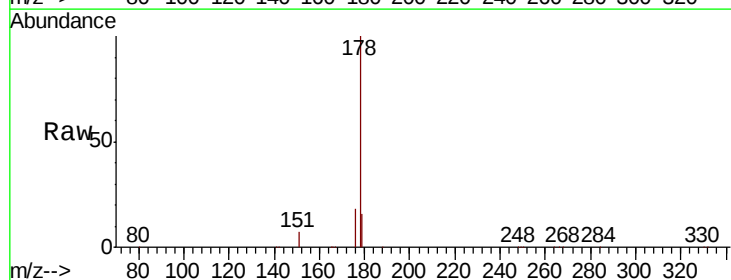
Tgt Ion:178 Resp: 505917

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

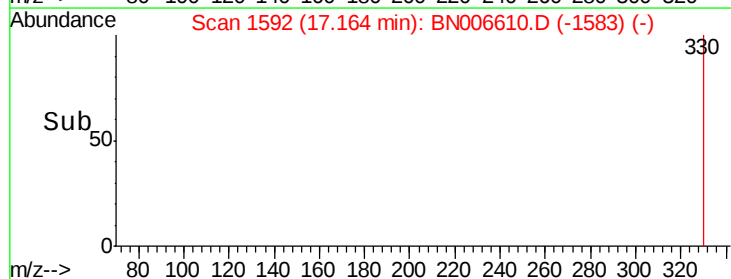
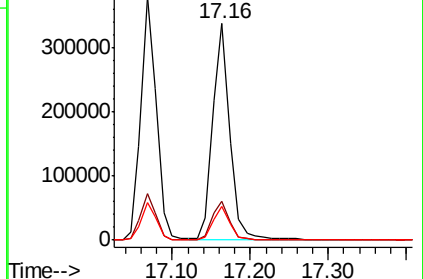
179 15.4 12.2 18.2

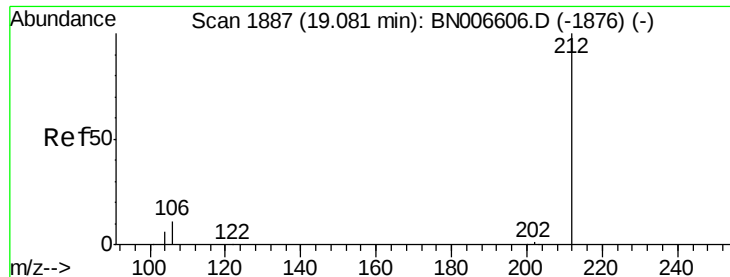


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.531 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :

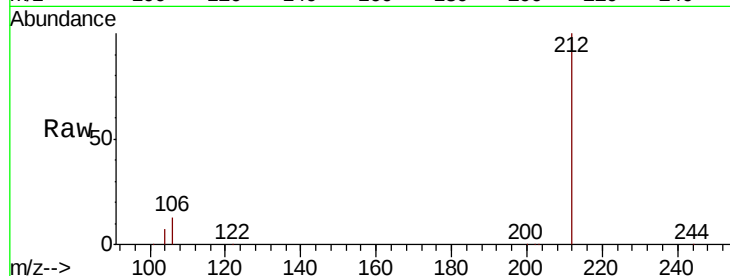
Tot Ion:212 Resp: 557887

Ion Ratio Lower Upper

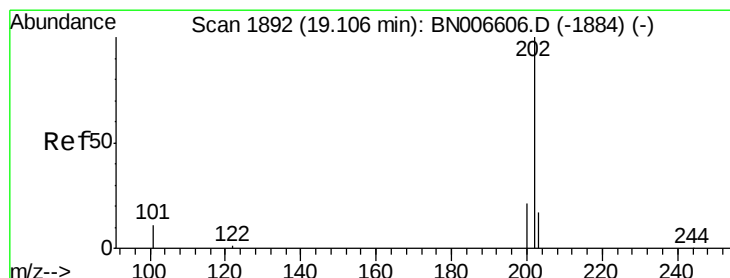
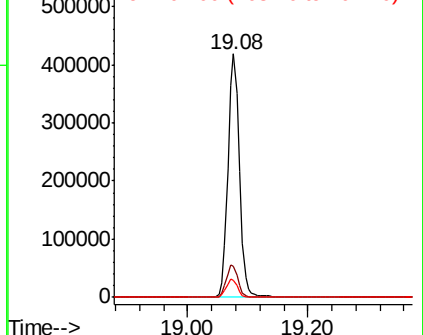
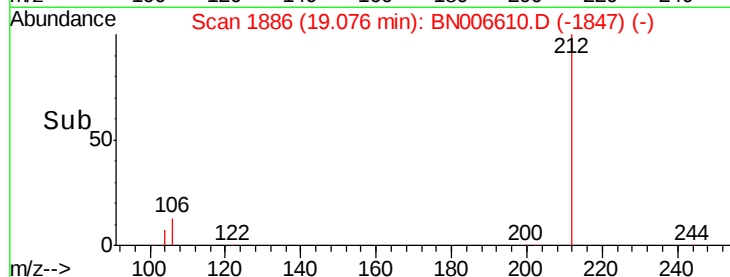
212 100

106 13.6 10.6 15.8

104 7.4 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: 5.150 ng

RT: 19.11 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

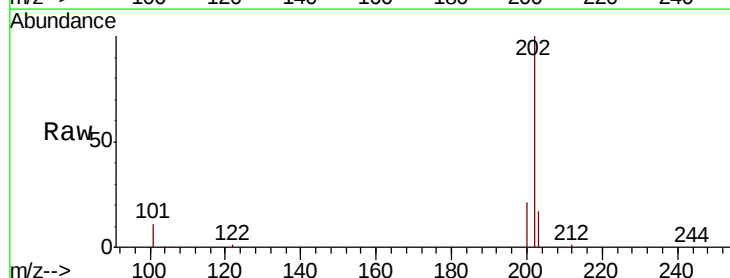
Tgt Ion:202 Resp: 623674

Ion Ratio Lower Upper

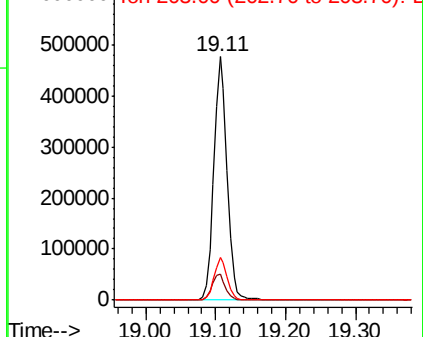
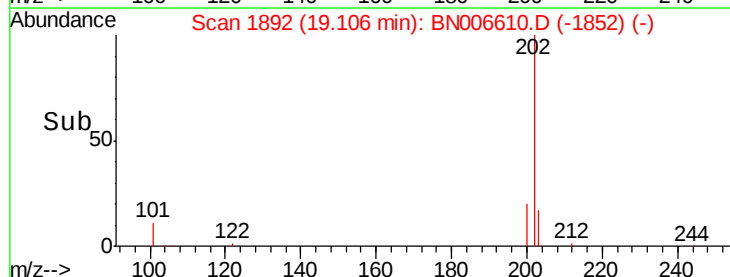
202 100

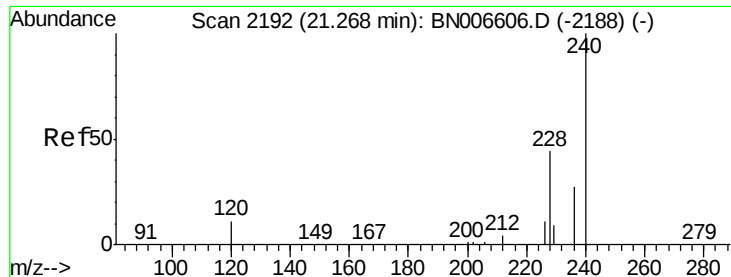
101 11.2 8.9 13.3

203 17.4 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: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :

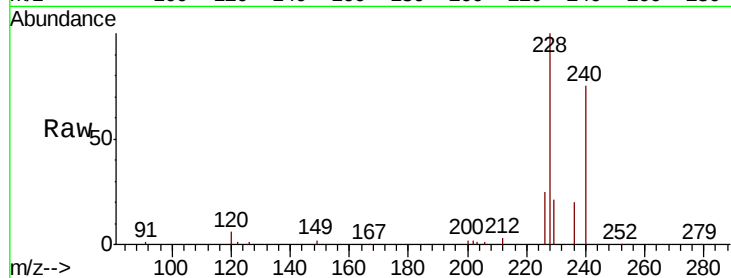
Tot Ion:240 Resp: 35937

Ion Ratio Lower Upper

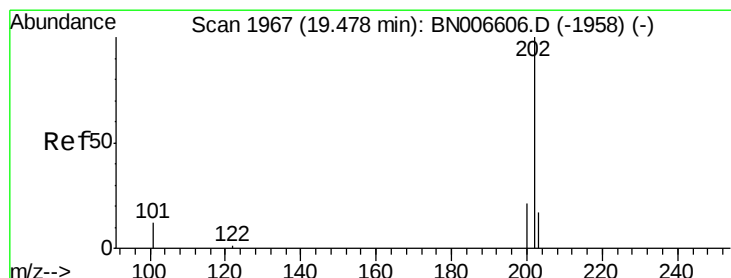
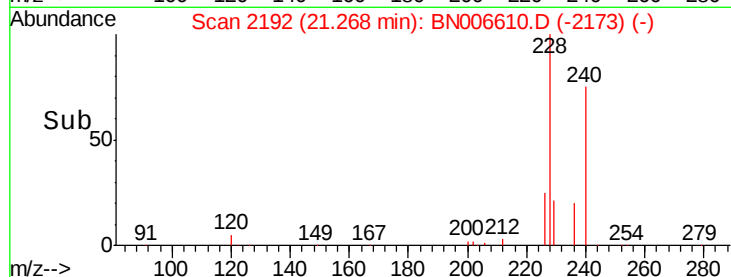
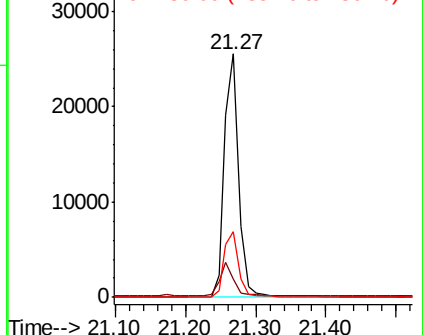
240 100

120 7.4 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: 6.299 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

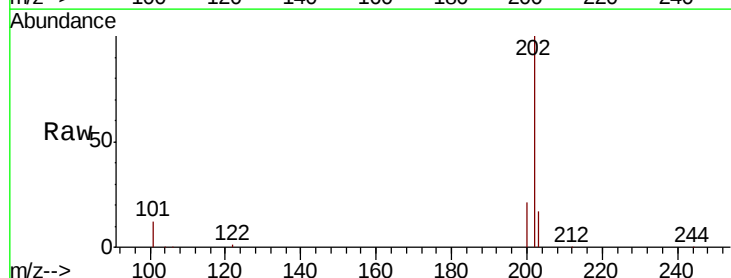
Tgt Ion:202 Resp: 642988

Ion Ratio Lower Upper

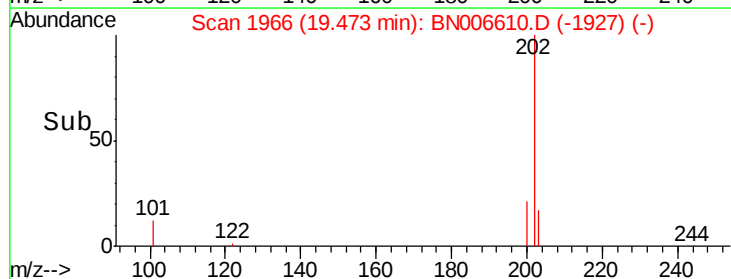
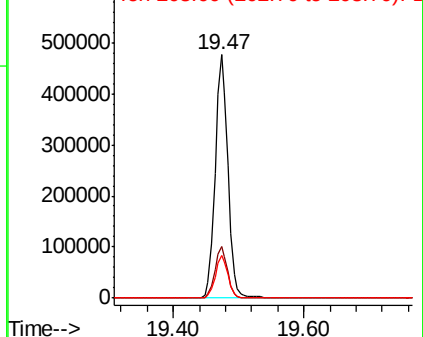
202 100

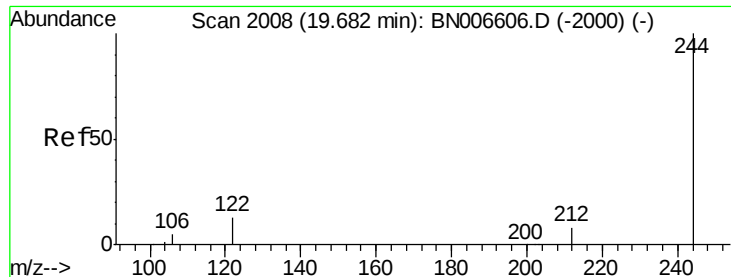
200 21.0 16.7 25.1

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: 5.266 ng

RT: 19.68 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :

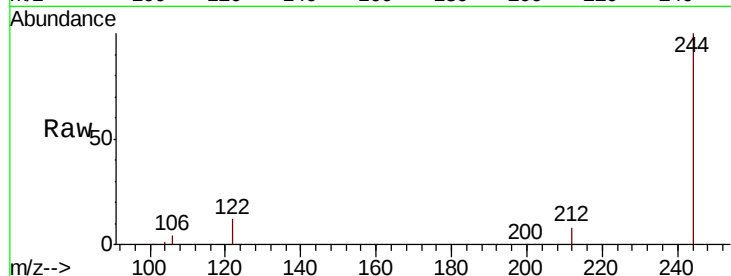
Tot Ion:244 Resp: 388906

Ion Ratio Lower Upper

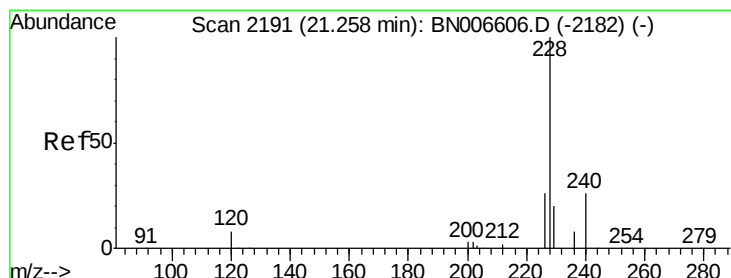
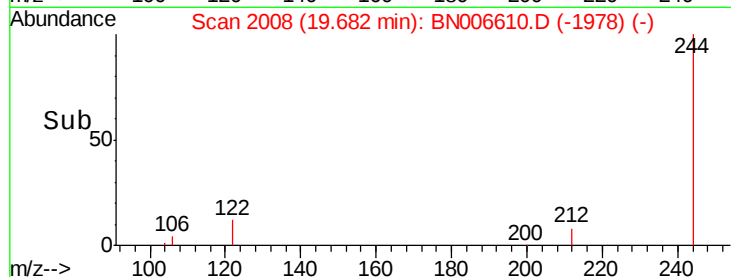
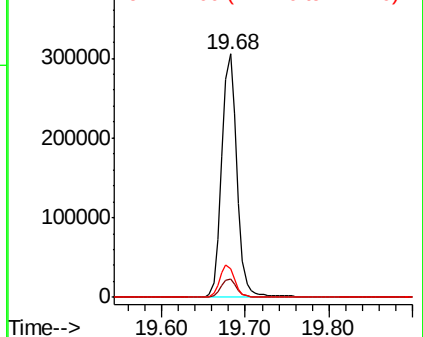
244 100

212 7.8 6.7 10.1

122 11.8 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: 6.305 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

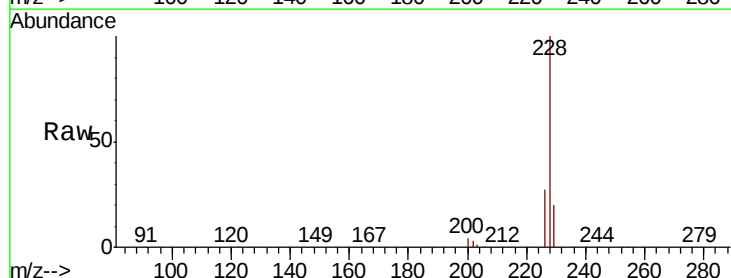
Tgt Ion:228 Resp: 638958

Ion Ratio Lower Upper

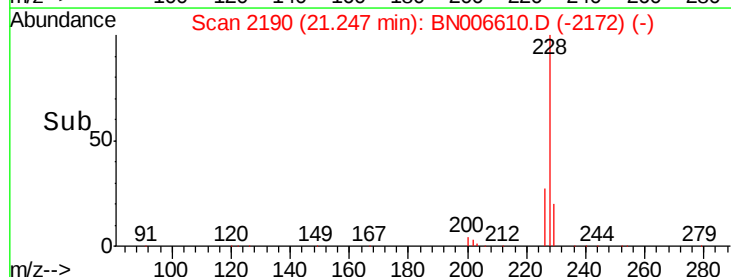
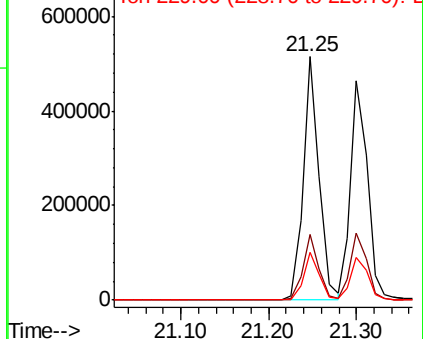
228 100

226 27.2 21.2 31.8

229 19.8 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: 5.658 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

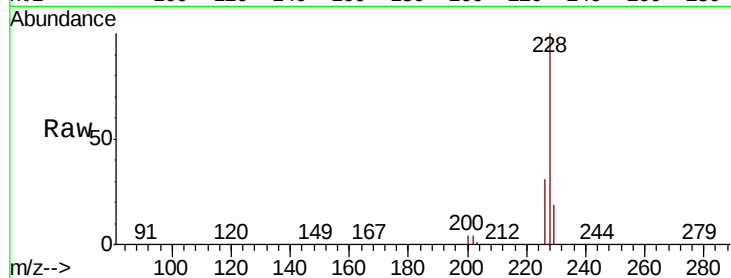
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 618115

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	19.3	15.9	23.9

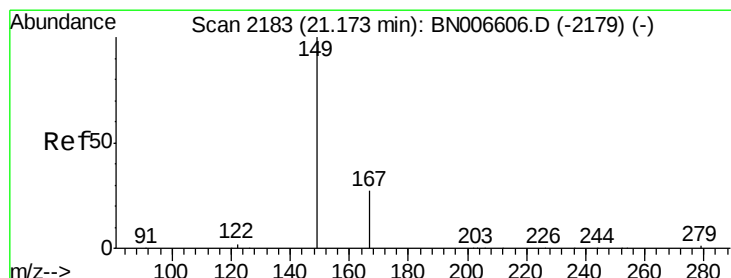
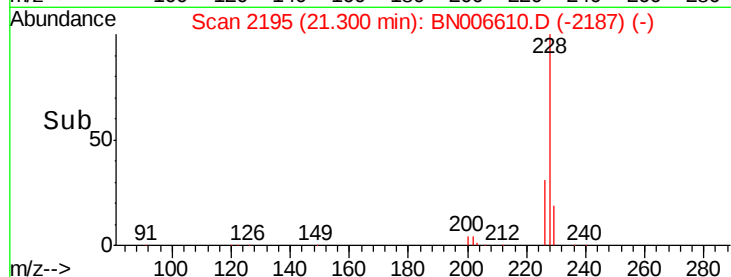
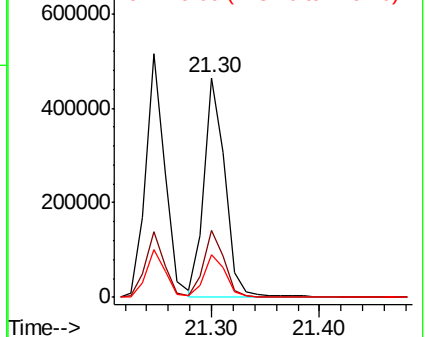


Abundance

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: 9.060 ng

RT: 21.17 min Scan# 2183

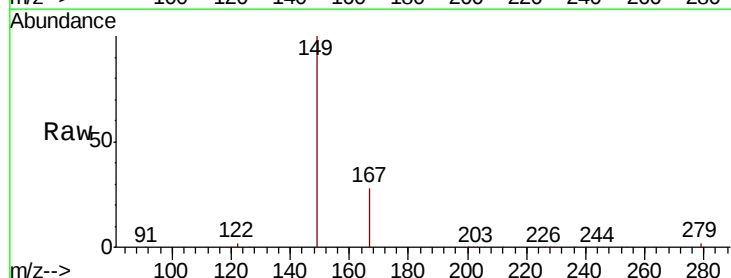
Delta R.T. 0.00 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Tgt Ion:149 Resp: 384462

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.9	34.3
279	3.9	3.3	4.9

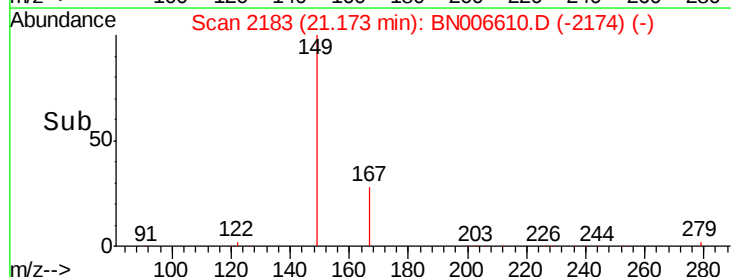
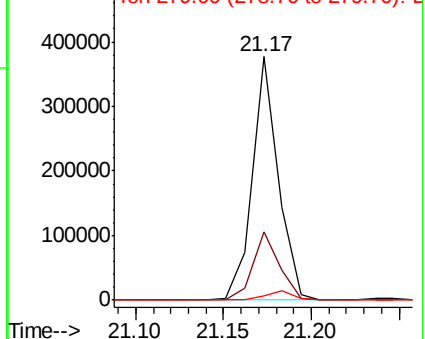


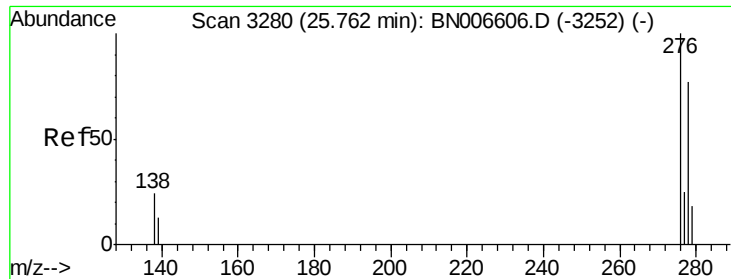
Abundance

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: 4.788 ng

RT: 25.75 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :

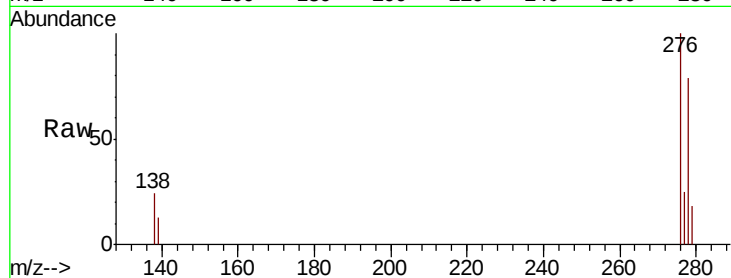
Tot Ion:276 Resp: 588061

Ion Ratio Lower Upper

276 100

138 24.4 19.3 28.9

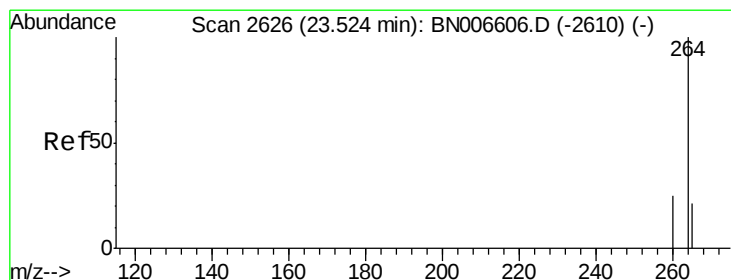
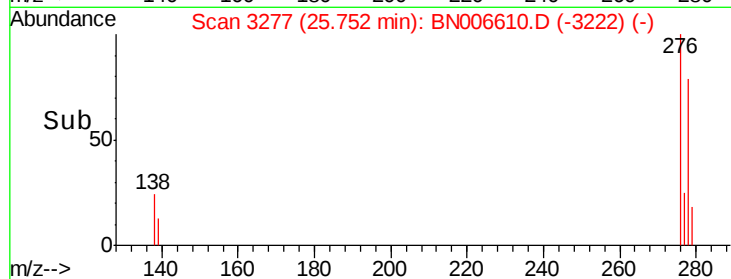
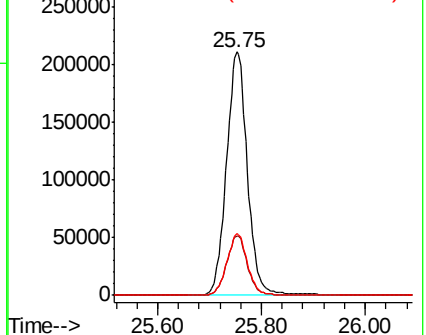
277 25.0 19.9 29.9



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: 23.52 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

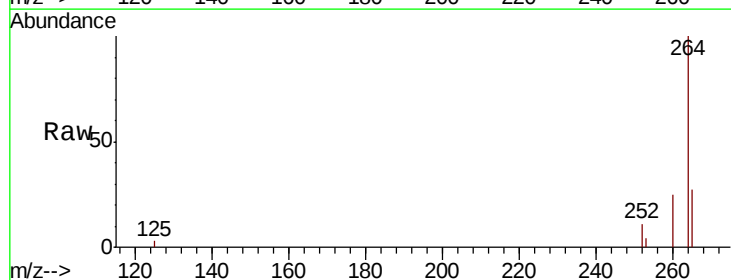
Tgt Ion:264 Resp: 34161

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

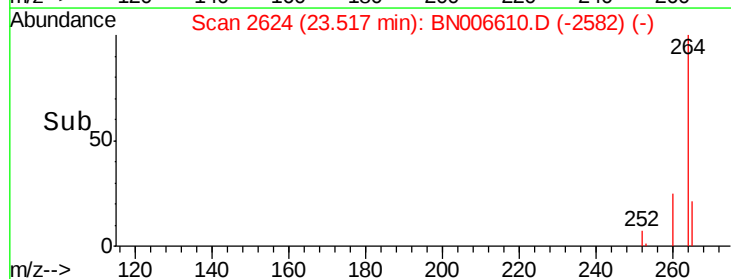
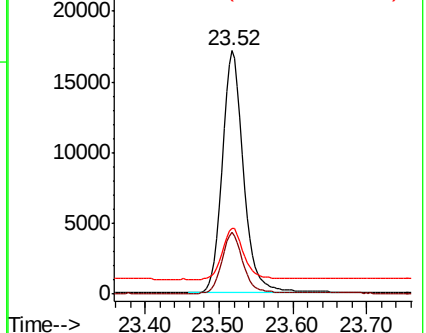
265 27.1 23.3 34.9



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

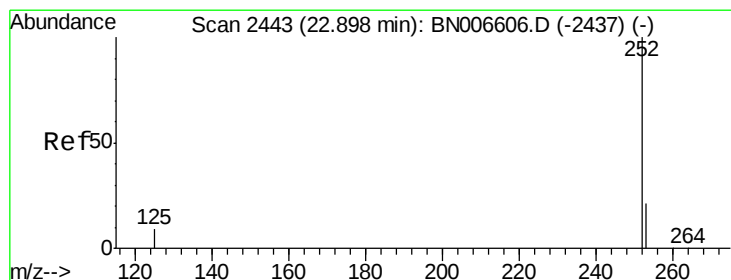
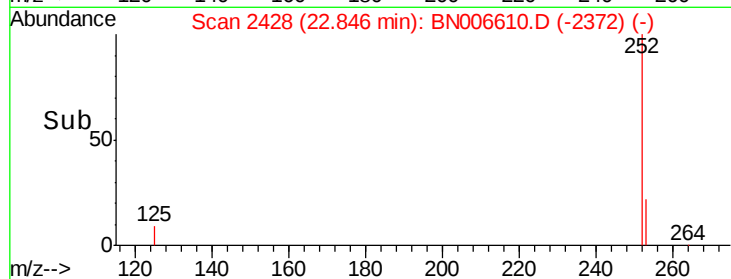
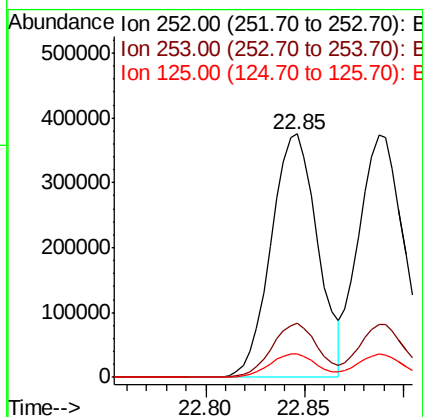
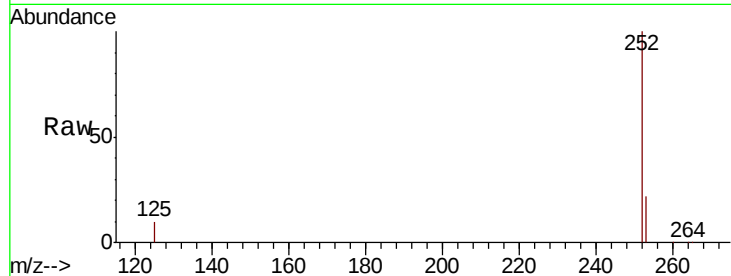




#35
Benzo(b)fluoranthene
Concen: 5.594 ng
RT: 22.85 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

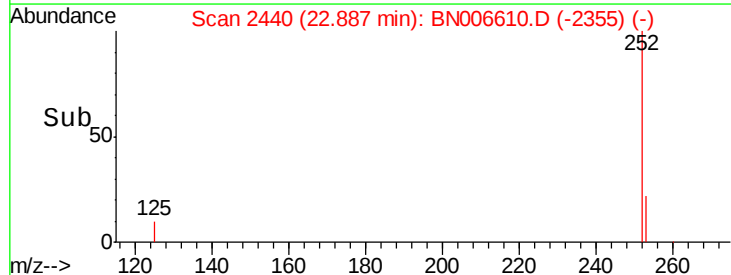
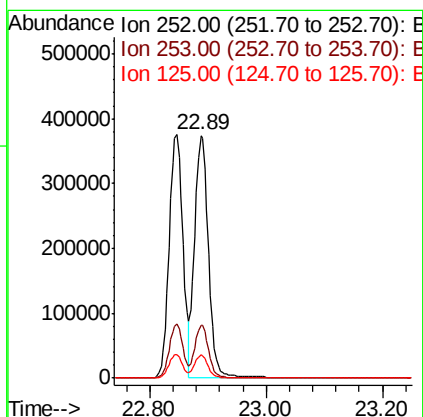
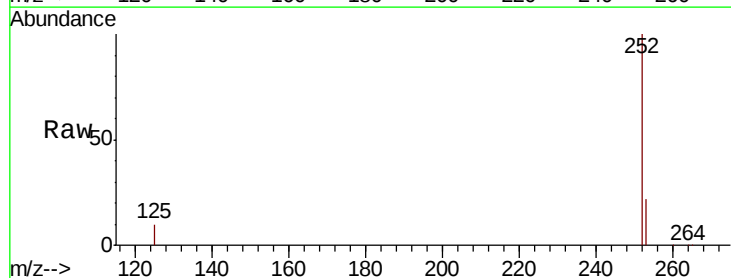
Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 612650
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 9.6 8.7 13.1



#36
Benzo(k)fluoranthene
Concen: 5.819 ng
RT: 22.89 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:252 Resp: 615911
Ion Ratio Lower Upper
252 100
253 21.7 18.3 27.5
125 9.6 8.4 12.6





#37

Benzo(a)pyrene

Concen: 5.729 ng

RT: 23.41 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :

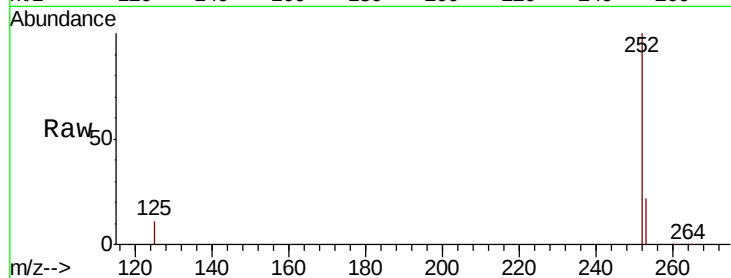
Tot Ion:252 Resp: 557889

Ion Ratio Lower Upper

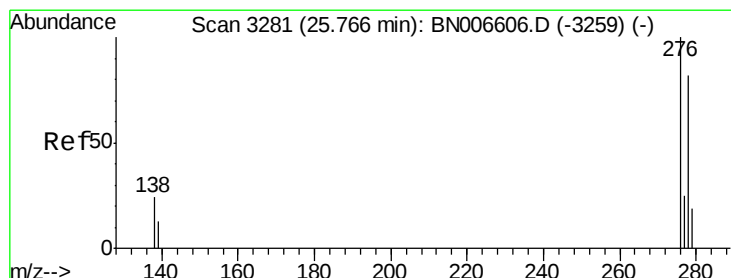
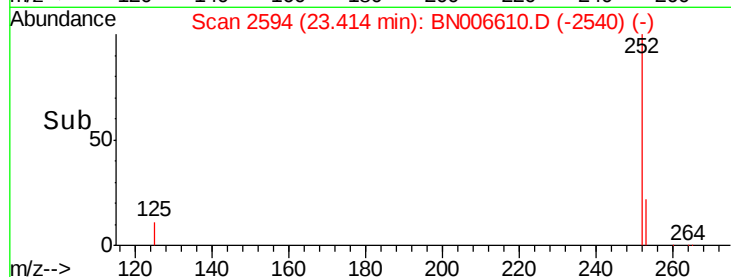
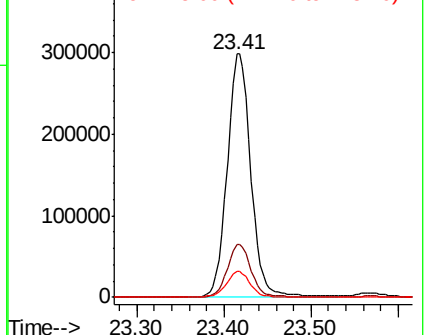
252 100

253 21.8 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: 4.900 ng

RT: 25.76 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

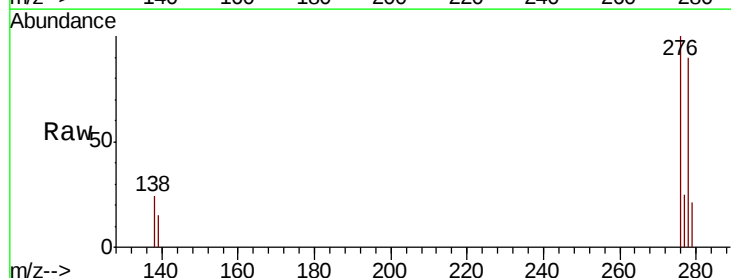
Tgt Ion:278 Resp: 477462

Ion Ratio Lower Upper

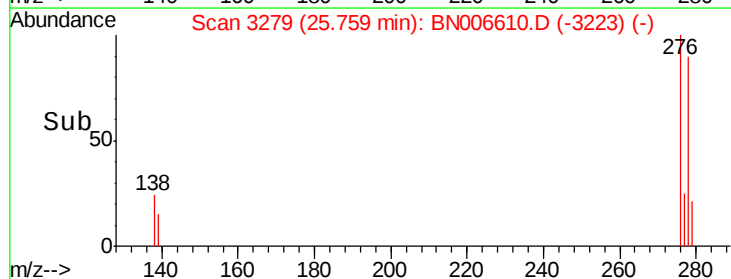
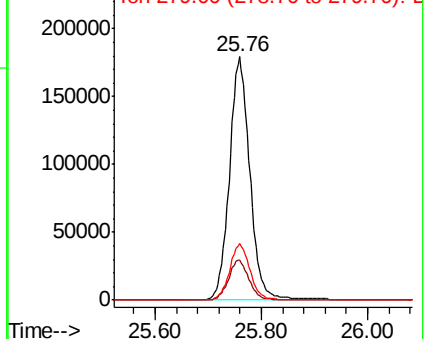
278 100

139 16.3 13.5 20.3

279 23.3 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: 4.789 ng

RT: 26.43 min Scan# 3476

Delta R.T. -0.01 min

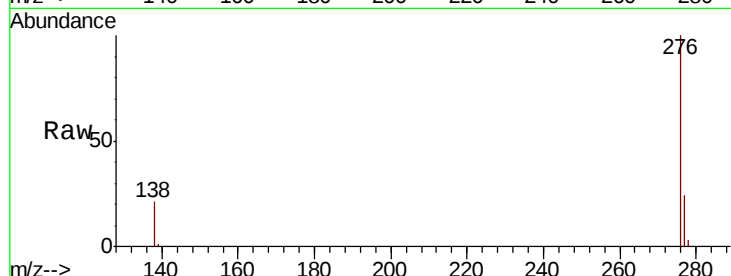
Lab File: BN006610.D

Acq: 28 Jun 2019 12:33

Instrument :

BNA_N

ClientSampleId :



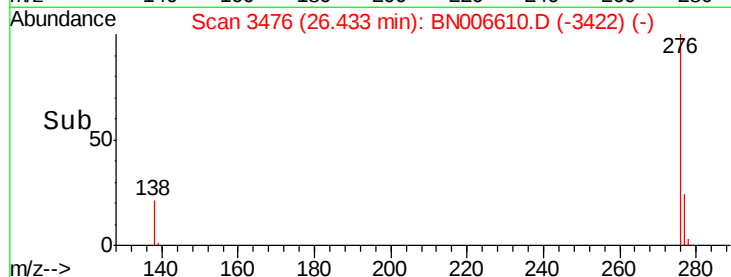
Tot Ion: 276 Resp: 469850

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 21.3 17.7 26.5



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

