

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062819\
 Data File : BN006607.D
 Acq On : 28 Jun 2019 10:50
 Operator : HP/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 28 13:18:10 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	5465	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	24054	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	15182	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	35077	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	35008	0.40	ng	0.00
34) Perylene-d12	23.52	264	36911	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	11369	0.83	ng	0.00
5) Phenol-d6	6.81	99	15241	0.94	ng	-0.02
8) Nitrobenzene-d5	8.78	82	13902	1.00	ng	-0.01
11) 2-Methylnaphthalene-d10	12.00	152	29969	0.80	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	5846	0.69	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	47331	0.83	ng	-0.01
25) Fluoranthene-d10	19.08	212	79362	0.79	ng	0.00
29) Terphenyl-d14	19.68	244	60934	0.85	ng	0.00

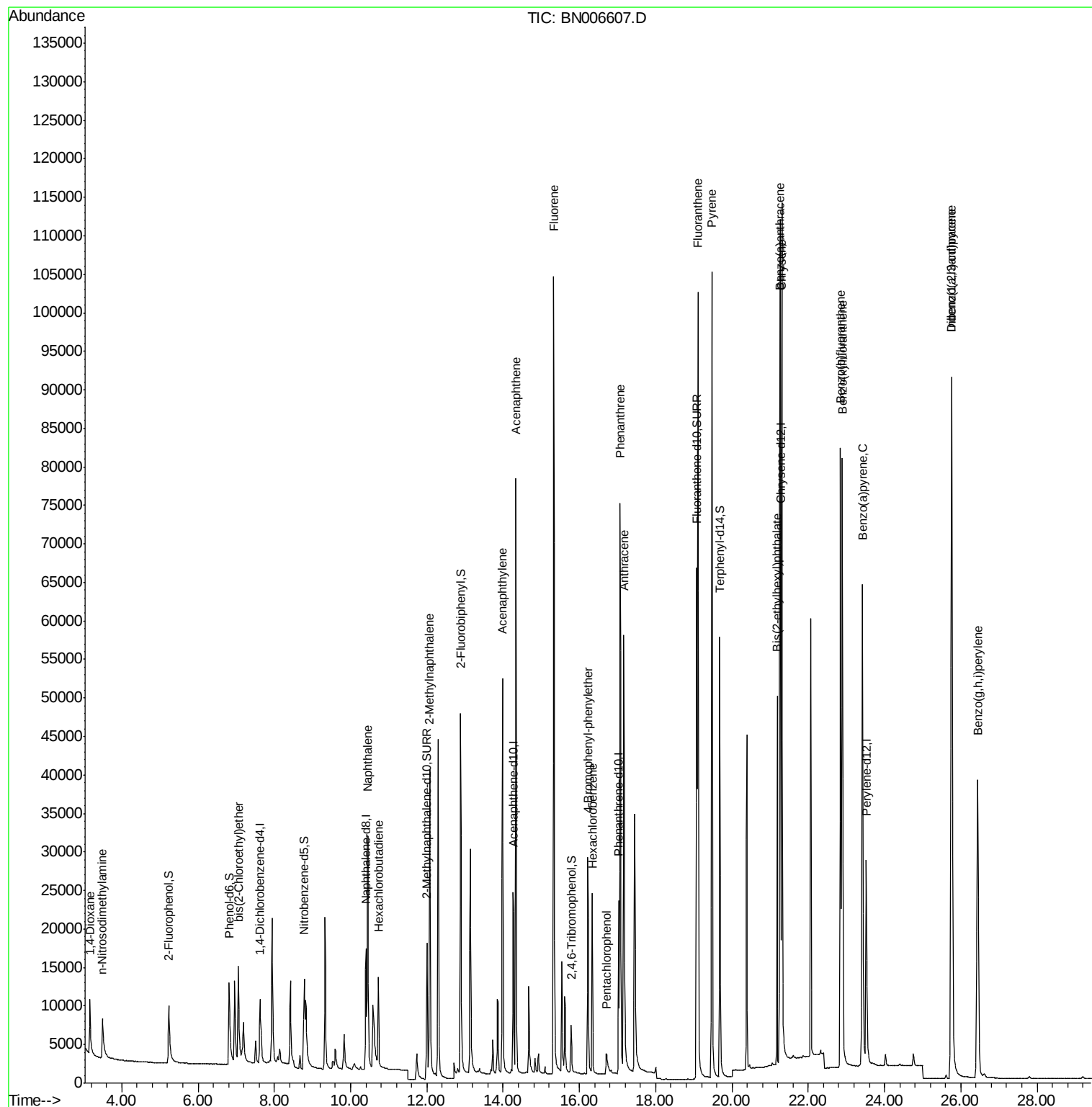
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	5259	0.895	ng	94
3) n-Nitrosodimethylamine	3.50	42	5034	1.404	ng	# 94
6) bis(2-Chloroethyl)ether	7.06	93	12778	0.837	ng	88
9) Naphthalene	10.45	128	49515	0.819	ng	98
10) Hexachlorobutadiene	10.73	225	10039	0.894	ng	# 100
12) 2-Methylnaphthalene	12.07	142	35013	0.803	ng	100
16) Acenaphthylene	13.99	152	57711	0.805	ng	100
17) Acenaphthene	14.33	154	37660	0.828	ng	99
18) Fluorene	15.32	166	48212	0.789	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	15653	0.779	ng	# 83
21) Hexachlorobenzene	16.34	284	19166	0.864	ng	100
22) Pentachlorophenol	16.72	266	3311	0.675	ng	89
23) Phenanthrene	17.07	178	80346	0.818	ng	100
24) Anthracene	17.16	178	69363	0.793	ng	100
26) Fluoranthene	19.11	202	96008	0.798	ng	100
28) Pyrene	19.47	202	97145	0.977	ng	100
30) Benzo(a)anthracene	21.26	228	88255	0.894	ng	100
31) Chrysene	21.31	228	97514	0.916	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	42287	1.023	ng	100
33) Indeno(1,2,3-cd)pyrene	25.76	276	102596	0.857	ng	100
35) Benzo(b)fluoranthene	22.85	252	98919	0.836	ng	98
36) Benzo(k)fluoranthene	22.89	252	102188	0.894	ng	98
37) Benzo(a)pyrene	23.42	252	92338	0.878	ng	98
38) Dibenzo(a,h)anthracene	25.77	278	82473	0.783	ng	99
39) Benzo(g,h,i)perylene	26.44	276	82040	0.774	ng	98

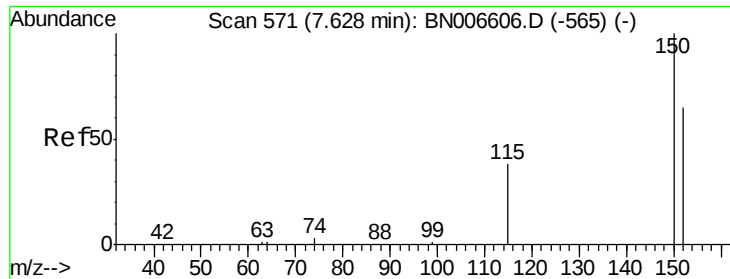
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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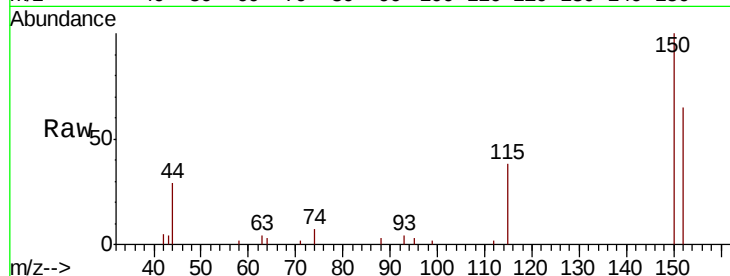


#1

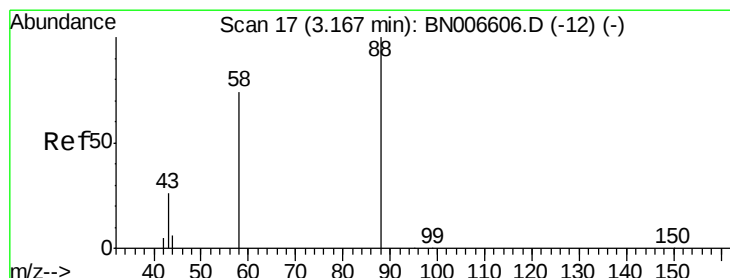
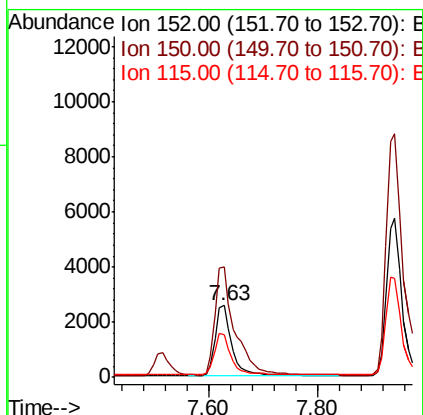
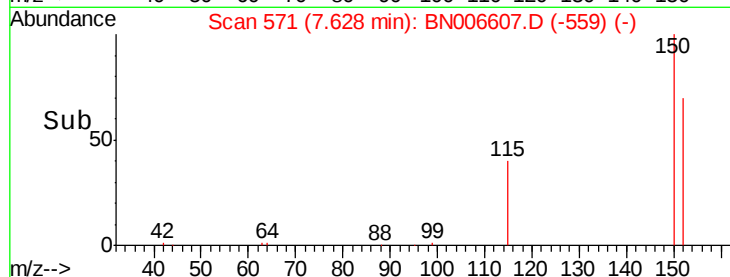
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 5465
Ion Ratio Lower Upper
152 100
150 152.9 122.2 183.2
115 58.9 50.0 75.0



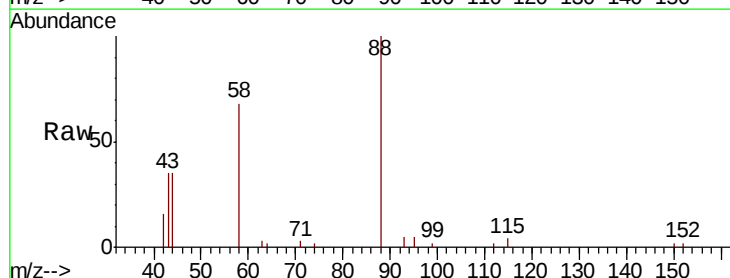
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



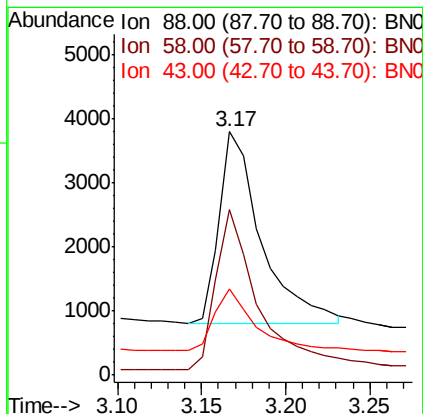
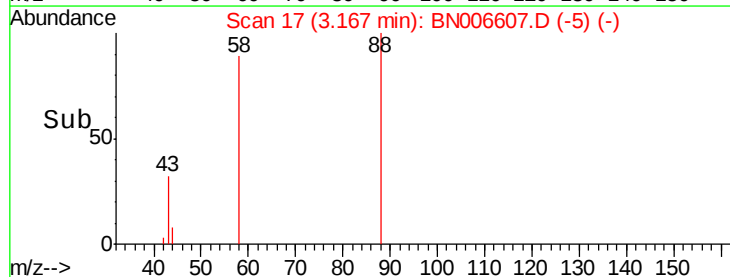
#2

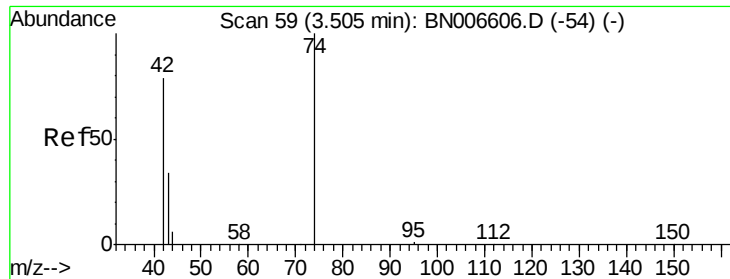
1,4-Dioxane
Concen: 0.895 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion: 88 Resp: 5259
Ion Ratio Lower Upper
88 100
58 84.7 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: 1.404 ng

RT: 3.50 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

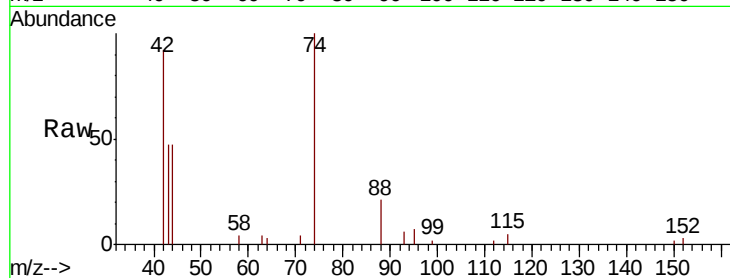
Tot Ion: 42 Resp: 5034

Ion Ratio Lower Upper

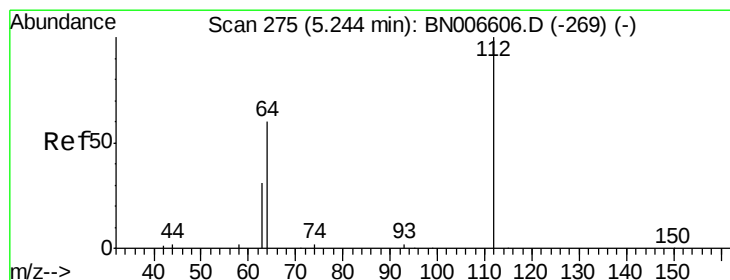
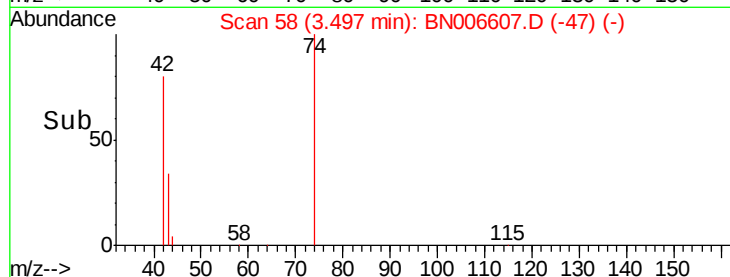
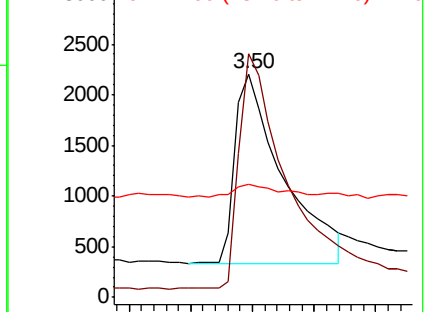
42 100

74 121.9 103.1 154.7

44 6.3 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: 0.833 ng

RT: 5.24 min Scan# 274

Delta R.T. -0.01 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

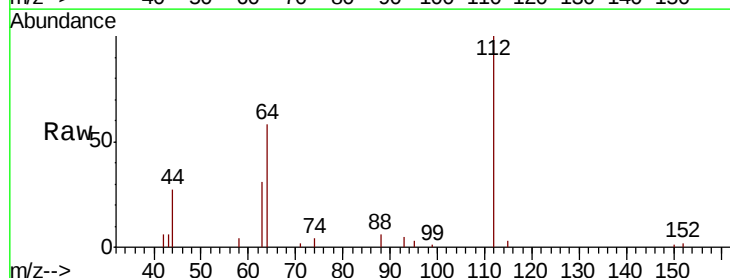
Tgt Ion: 112 Resp: 11369

Ion Ratio Lower Upper

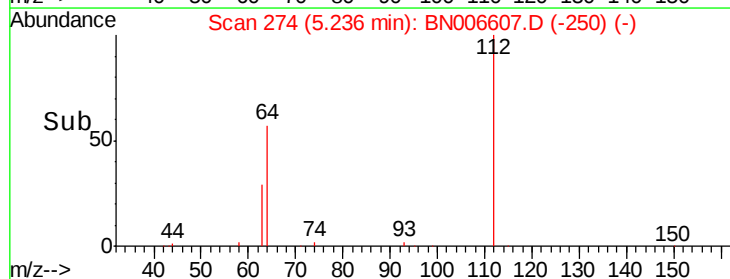
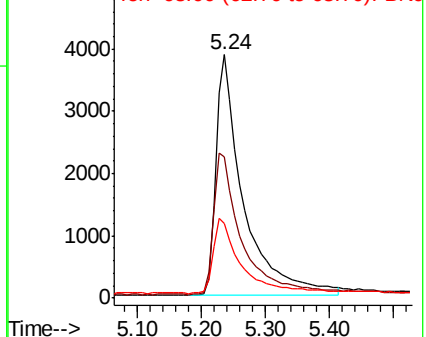
112 100

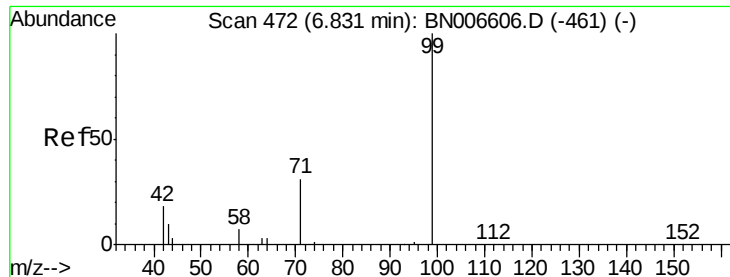
64 61.0 48.9 73.3

63 31.8 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: 0.943 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

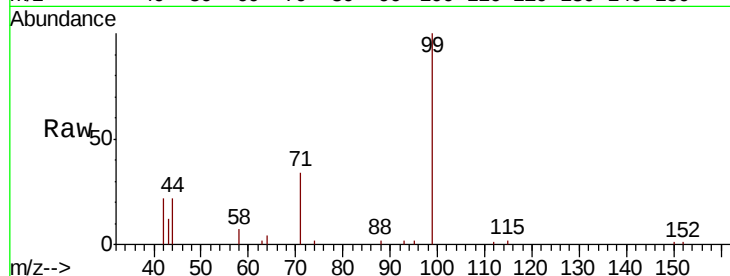
Tot Ion: 99 Resp: 15241

Ion Ratio Lower Upper

99 100

42 20.7 16.4 24.6

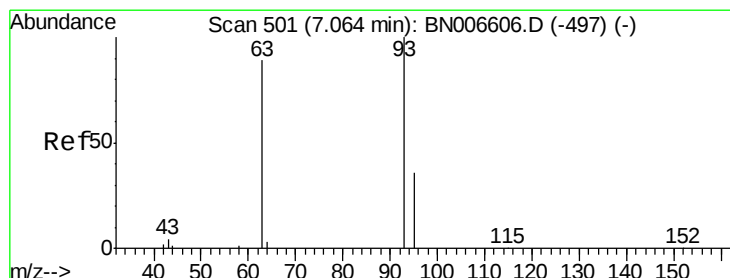
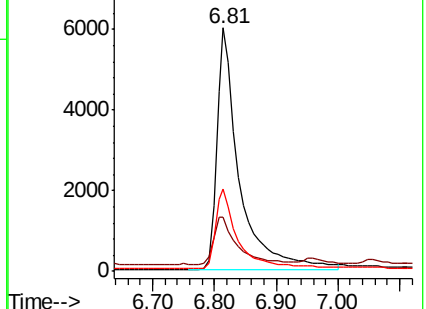
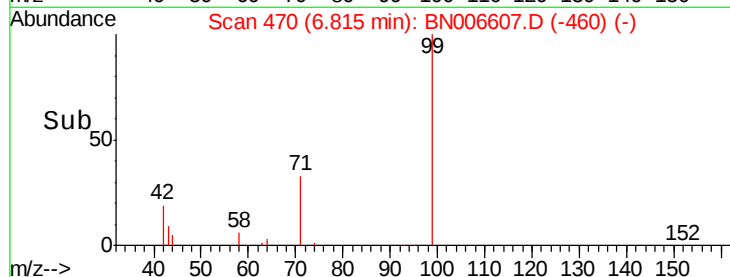
71 33.4 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006607.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006607.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006607.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.837 ng

RT: 7.06 min Scan# 500

Delta R.T. -0.01 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

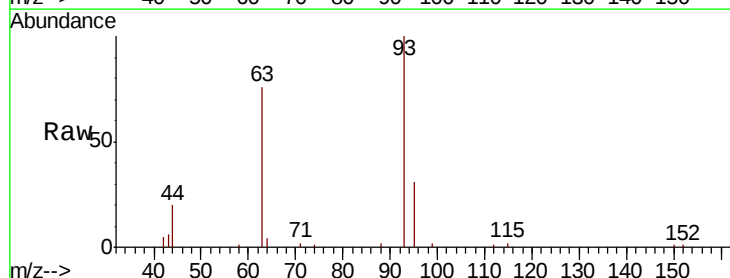
Tgt Ion: 93 Resp: 12778

Ion Ratio Lower Upper

93 100

63 77.1 52.5 78.7

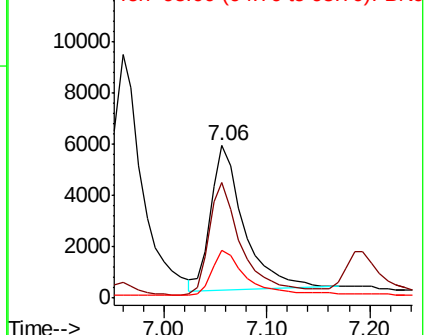
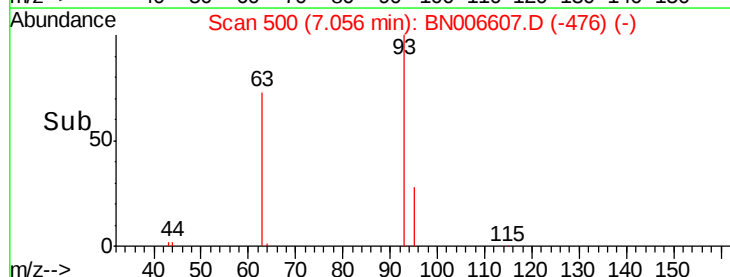
95 33.9 24.2 36.4

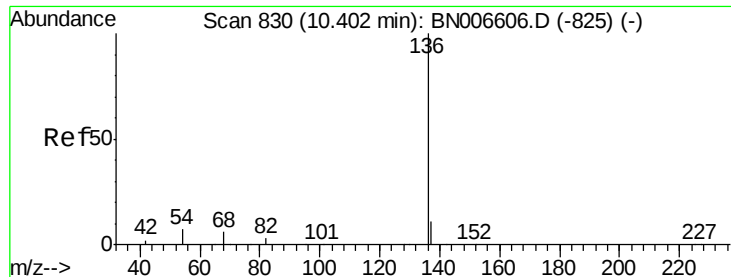


Abundance Ion 93.00 (92.70 to 93.70): BN006607.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006607.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006607.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 24054

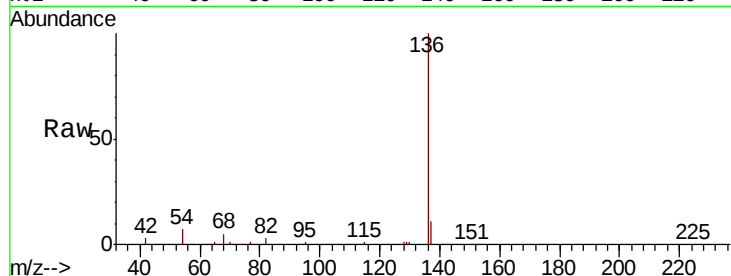
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.8 6.7 10.1

68 5.4 5.3 7.9

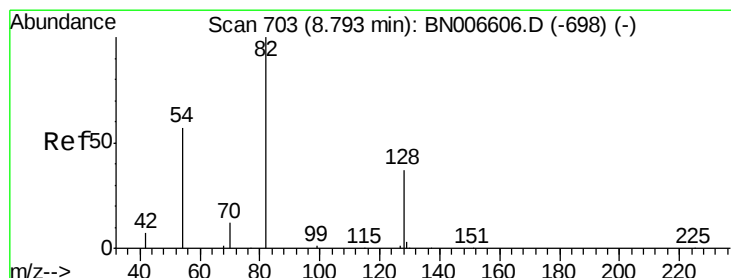
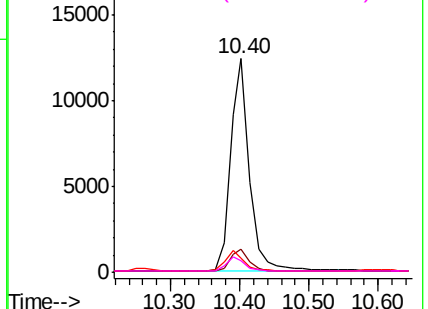
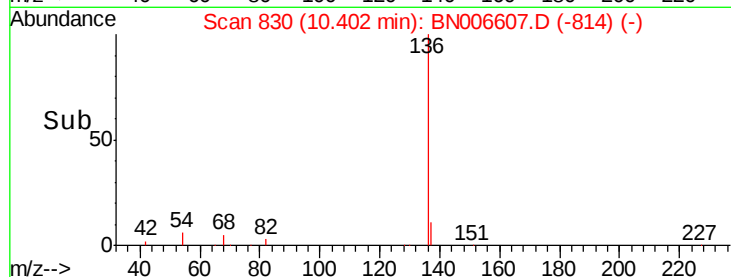


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.997 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

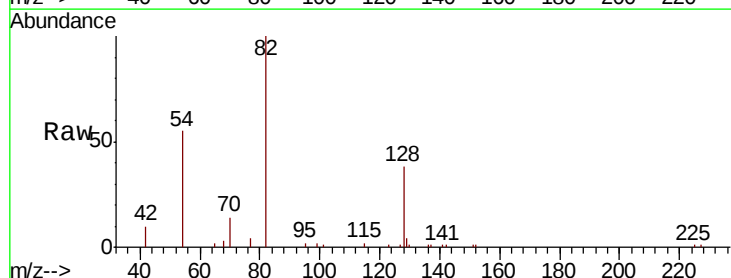
Tgt Ion: 82 Resp: 13902

Ion Ratio Lower Upper

82 100

128 37.9 32.6 49.0

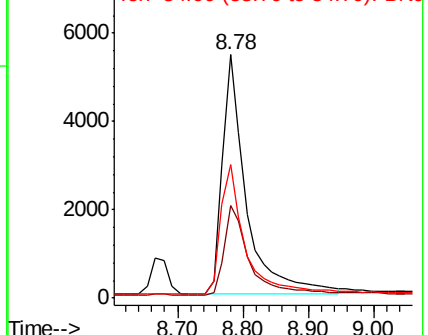
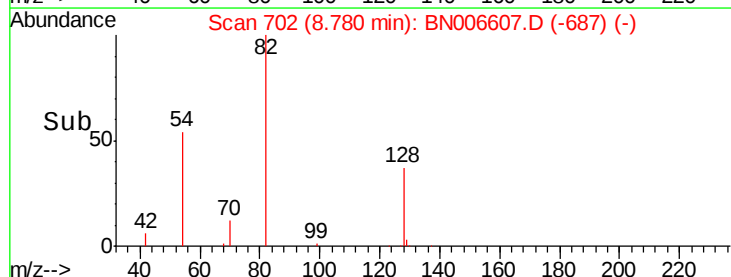
54 54.8 48.2 72.4

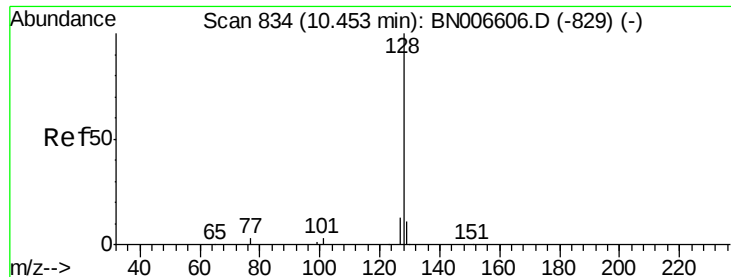


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

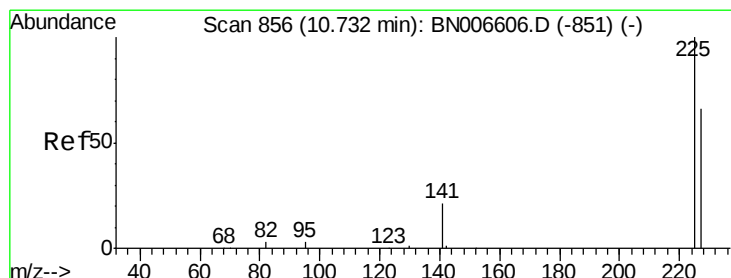
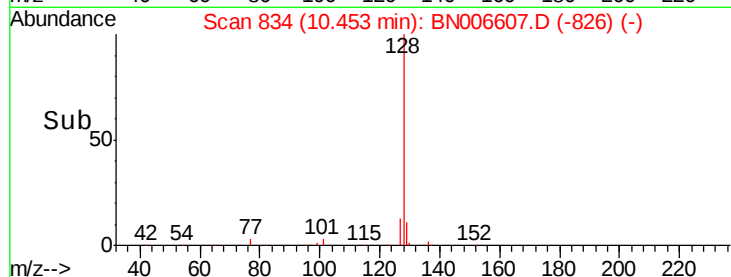
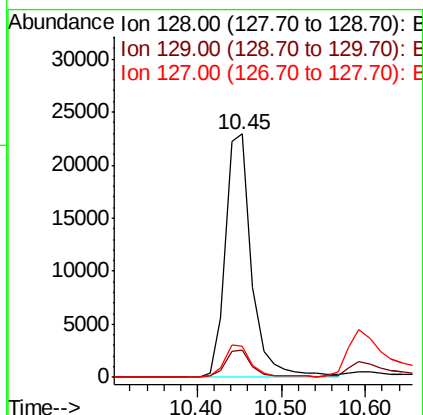
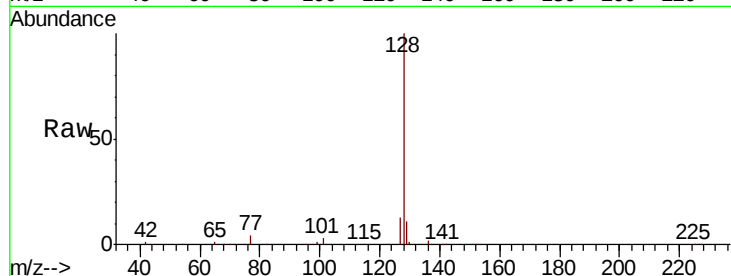




#9
Naphthalene
Concen: 0.819 ng
RT: 10.45 min Scan# 834
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

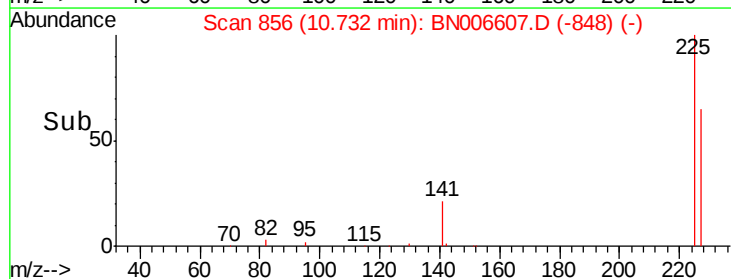
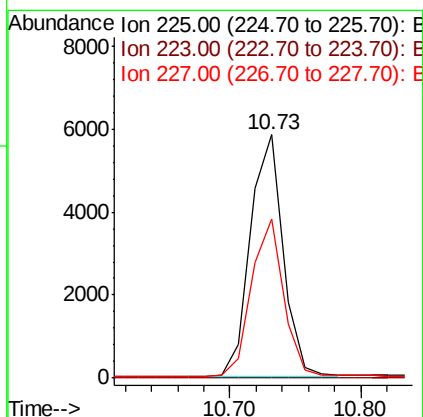
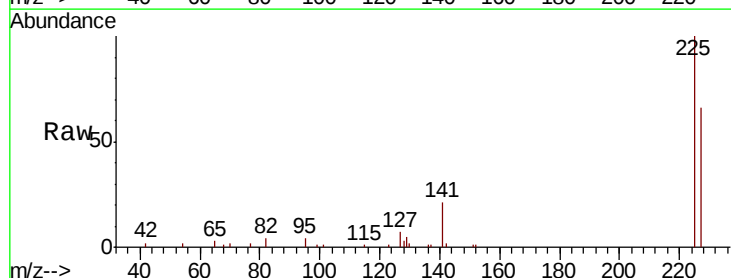
Instrument :
BNA_N
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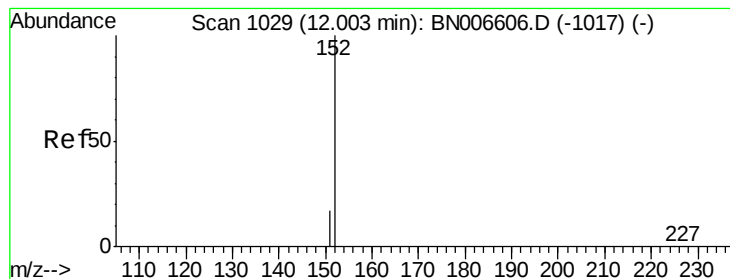
Tot Ion:128 Resp: 49515
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 12.8 10.8 16.2



#10
Hexachlorobutadiene
Concen: 0.894 ng
RT: 10.73 min Scan# 856
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:225 Resp: 10039
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 51.4 77.2

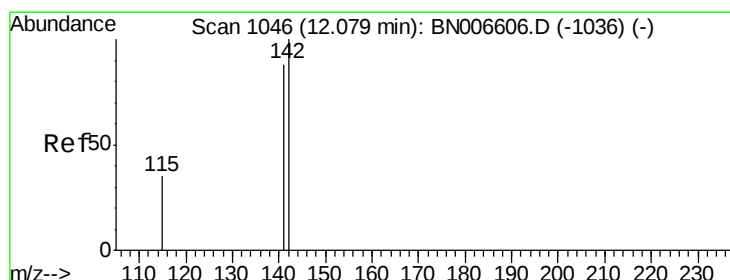
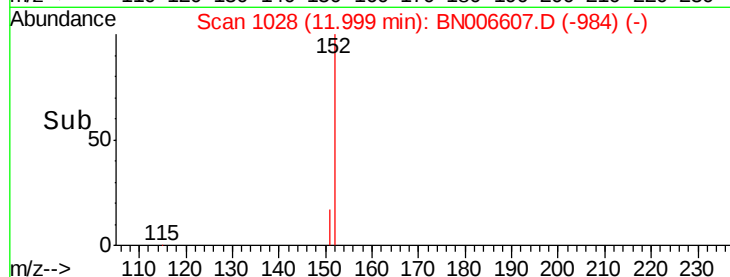
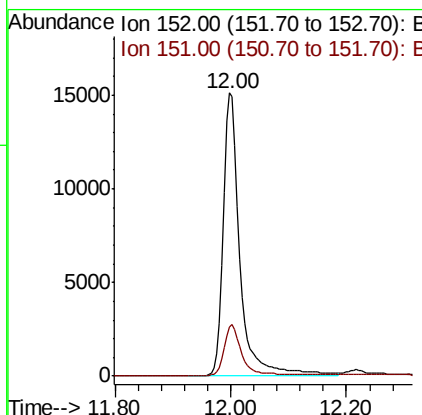
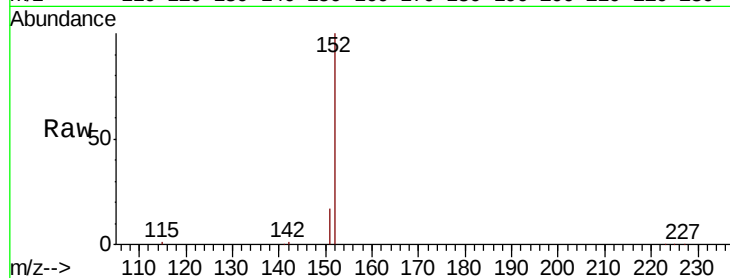




#11
 2-Methylnaphthalene-d10
 Concen: 0.804 ng
 RT: 12.00 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BN006607.D
 Acq: 28 Jun 2019 10:50

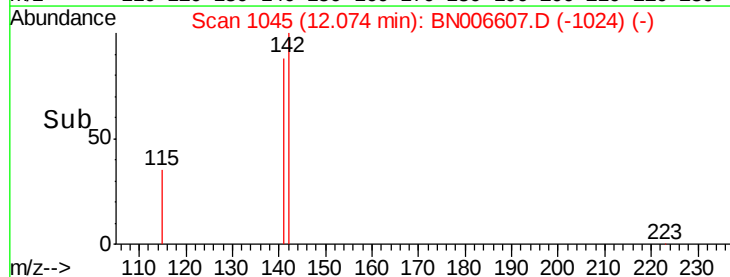
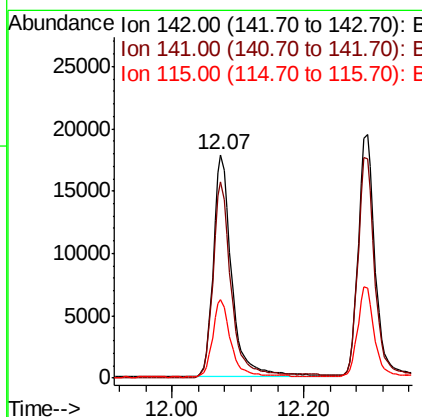
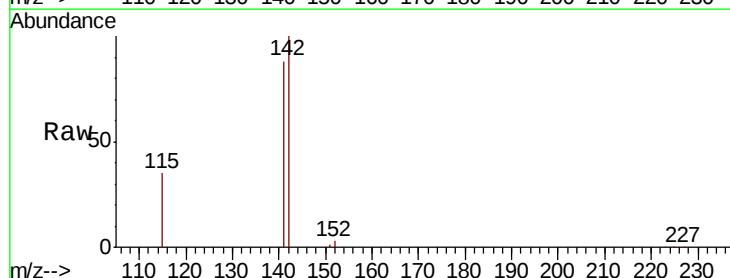
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 29969
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.803 ng
 RT: 12.07 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BN006607.D
 Acq: 28 Jun 2019 10:50

Tgt Ion:142 Resp: 35013
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.2 105.4
 115 35.3 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: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

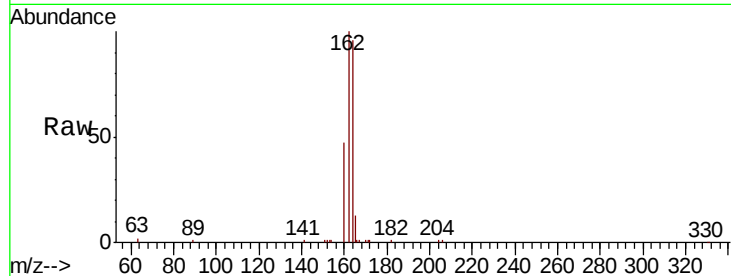
Tot Ion:164 Resp: 15182

Ion Ratio Lower Upper

164 100

162 103.7 80.0 120.0

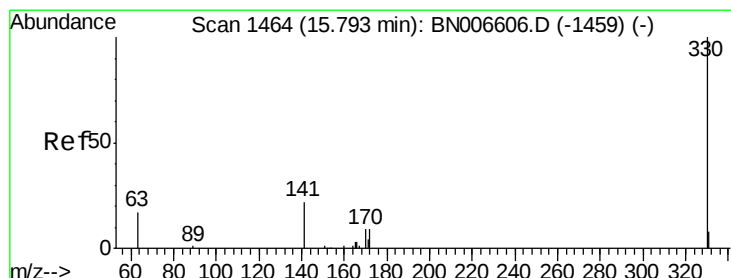
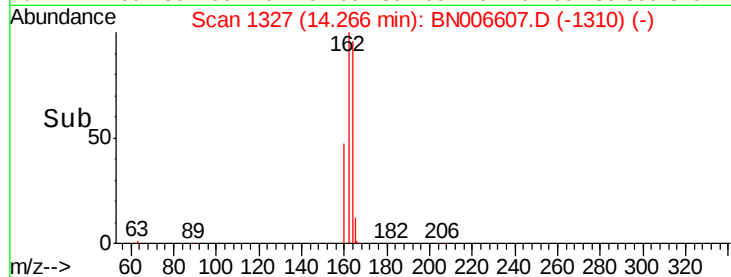
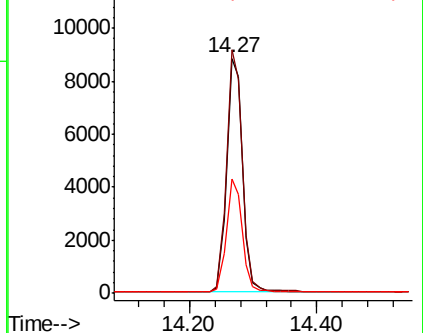
160 48.9 37.0 55.4



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: 0.687 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

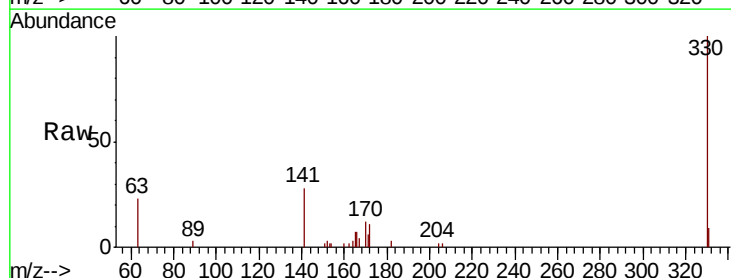
Tgt Ion:330 Resp: 5846

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

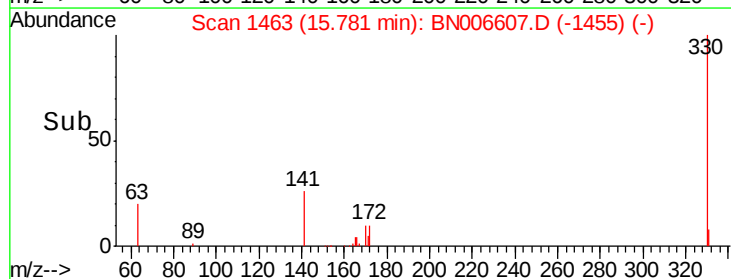
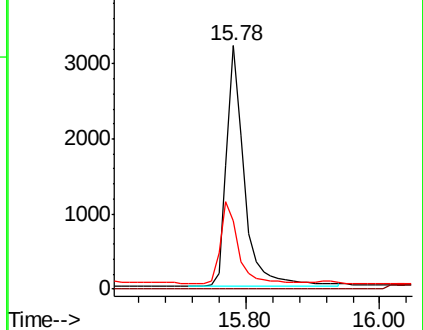
141 34.0 26.5 39.7



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

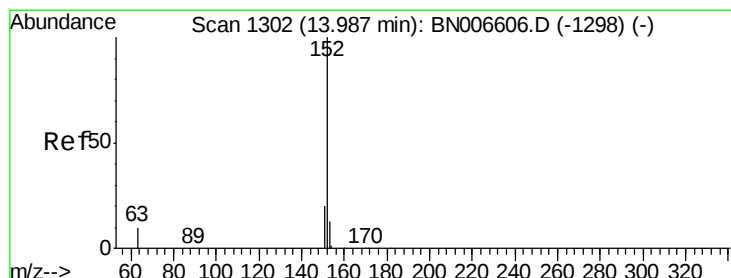
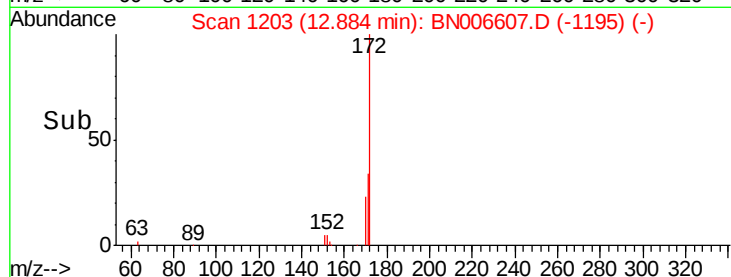
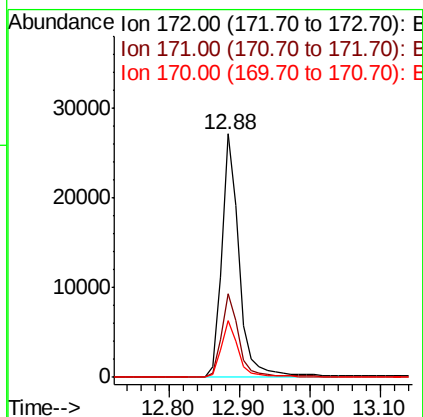
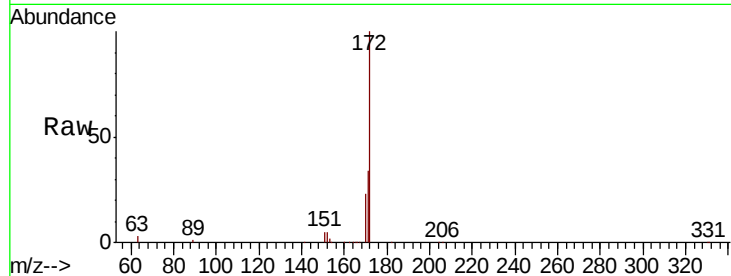




#15
2-Fluorobiphenyl
Concen: 0.826 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

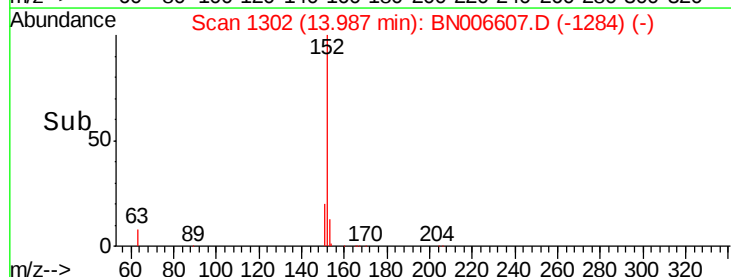
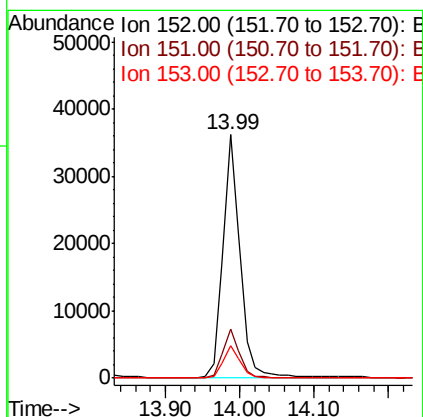
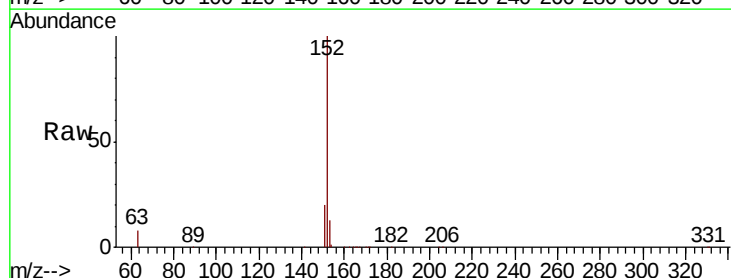
Instrument :
BNA_N
ClientSampleId :

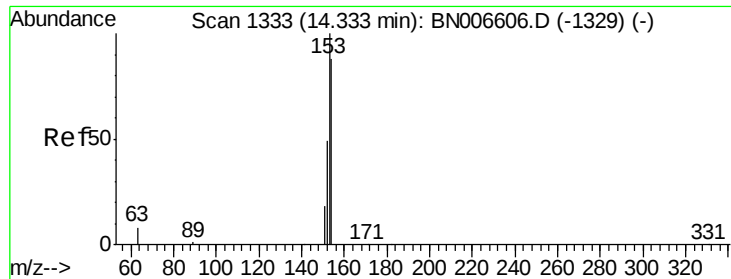
Tot Ion:172 Resp: 47331
Ion Ratio Lower Upper
172 100
171 34.5 27.0 40.4
170 23.1 17.7 26.5



#16
Acenaphthylene
Concen: 0.805 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:152 Resp: 57711
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.0 10.5 15.7

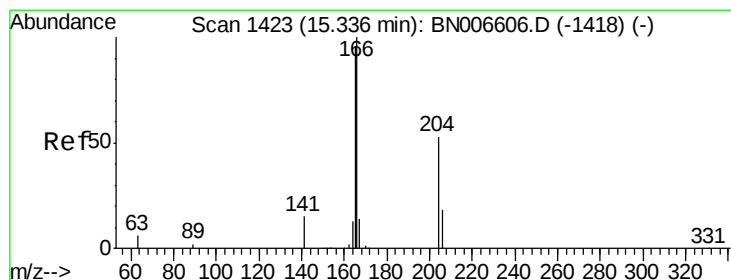
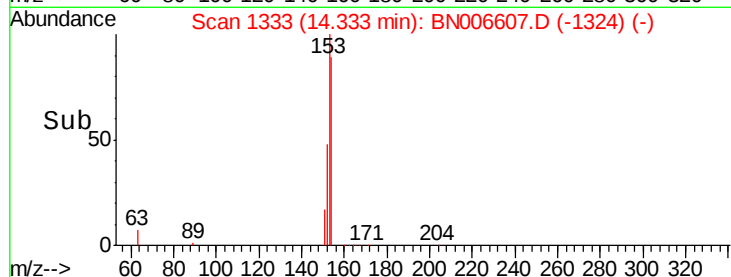
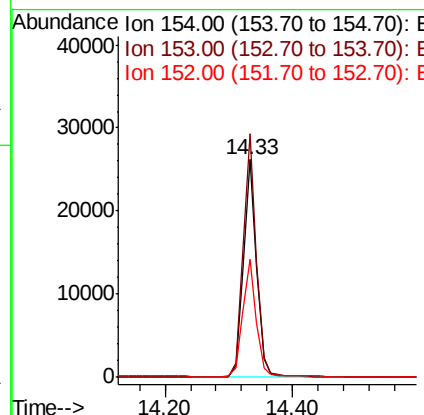
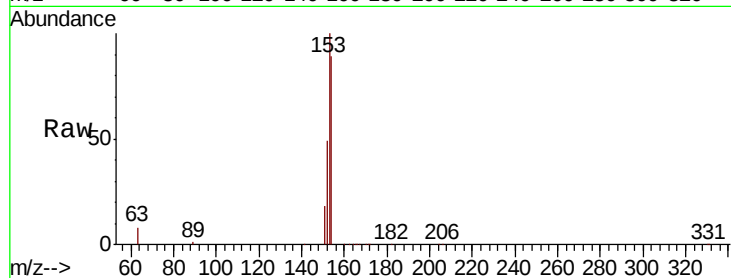




#17
Acenaphthene
Concen: 0.828 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

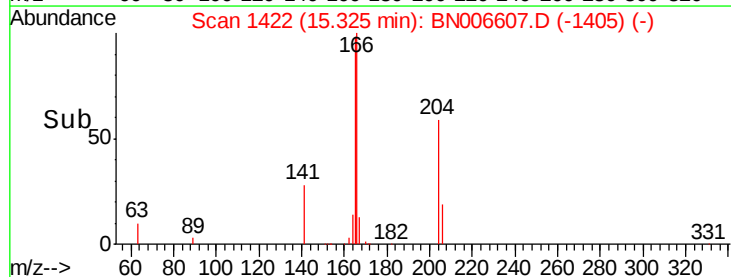
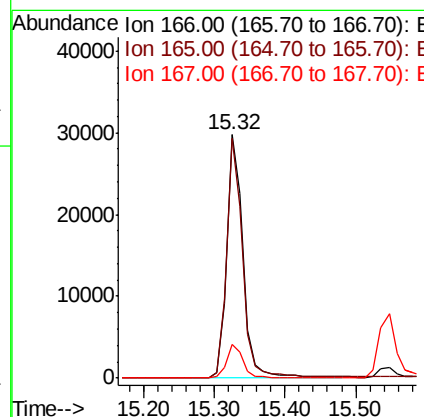
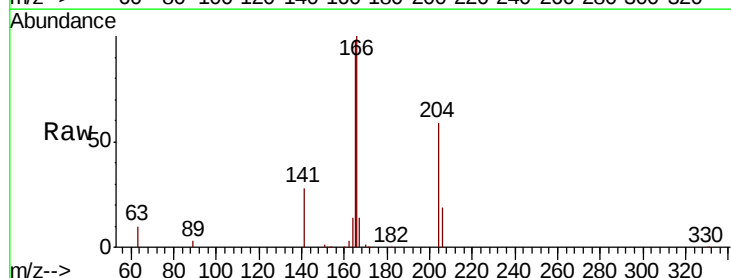
Instrument :
BNA_N
ClientSampleId :

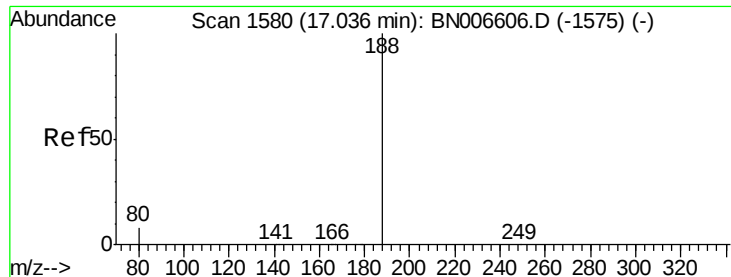
Tot Ion:154 Resp: 37660
Ion Ratio Lower Upper
154 100
153 111.6 90.2 135.4
152 54.5 44.2 66.4



#18
Fluorene
Concen: 0.789 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006607.D
Acq: 28 Jun 2019 10:50

Tgt Ion:166 Resp: 48212
Ion Ratio Lower Upper
166 100
165 97.1 78.4 117.6
167 13.6 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: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

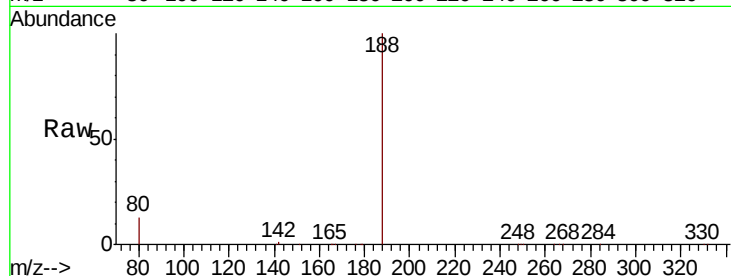
Tot Ion:188 Resp: 35077

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

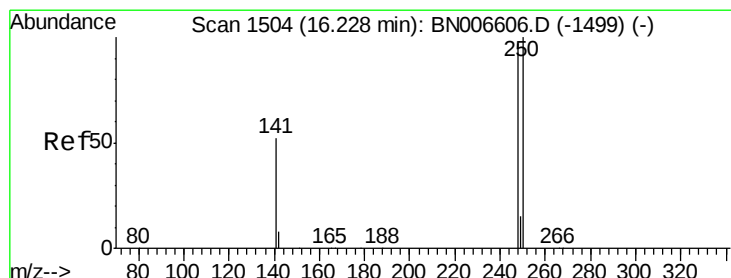
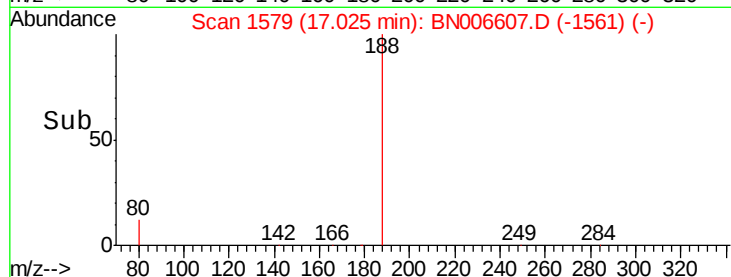
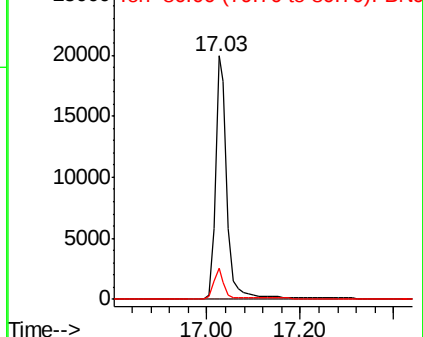
80 12.7 7.1 10.7#



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: 0.779 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

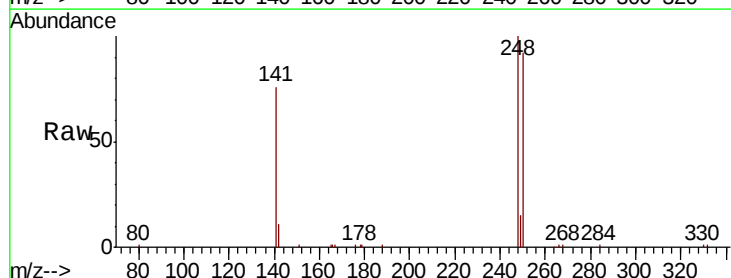
Tgt Ion:248 Resp: 15653

Ion Ratio Lower Upper

248 100

250 92.3 82.2 123.4

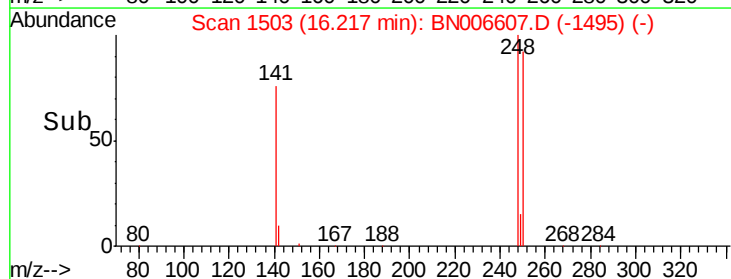
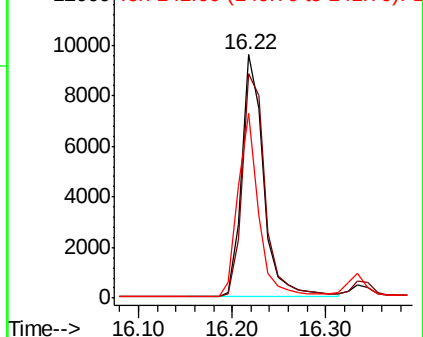
141 75.9 43.8 65.8#

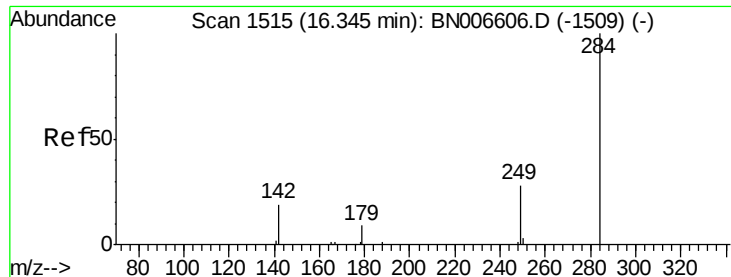


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.864 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

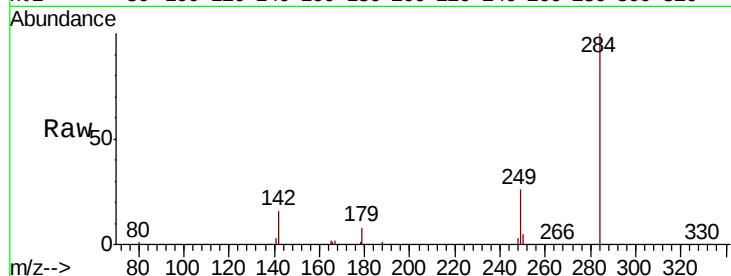
Tot Ion:284 Resp: 19166

Ion Ratio Lower Upper

284 100

142 34.7 27.5 41.3

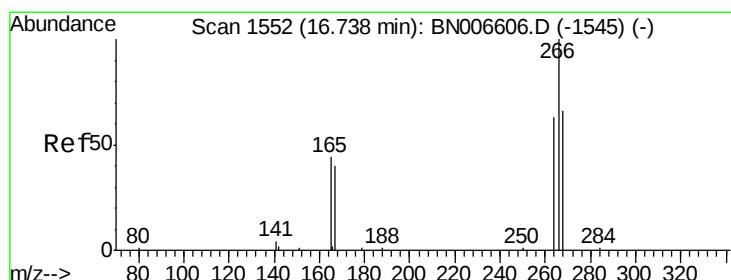
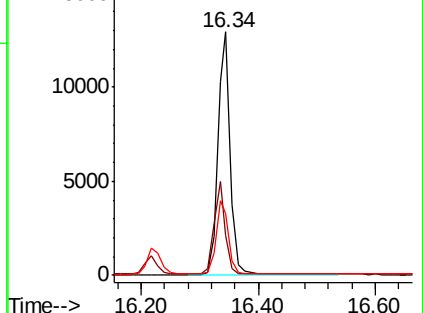
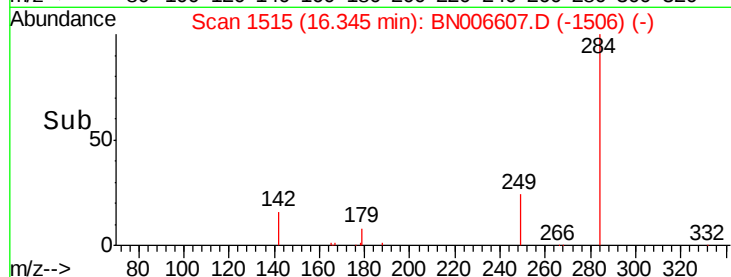
249 30.8 24.7 37.1



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: 0.675 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

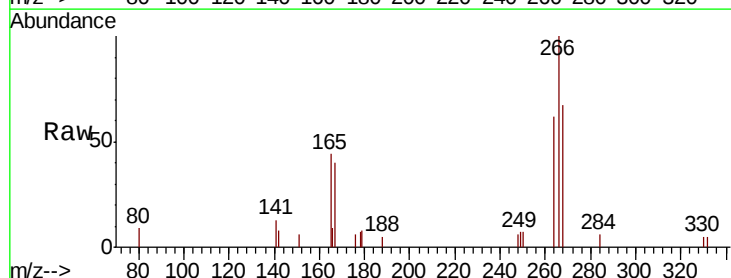
Tgt Ion:266 Resp: 3311

Ion Ratio Lower Upper

266 100

264 62.5 56.2 84.4

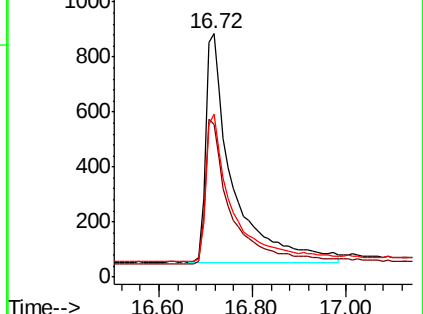
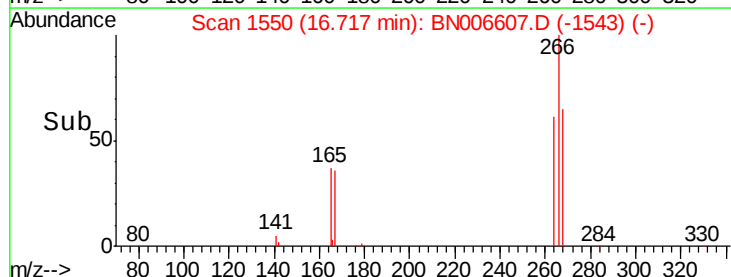
268 67.1 63.0 94.4

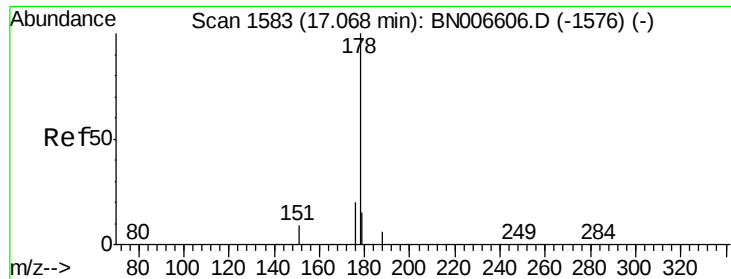


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.818 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

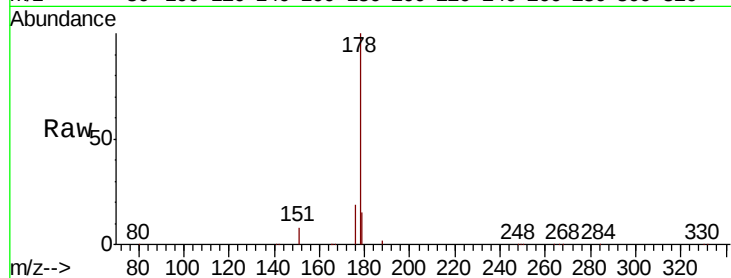
Tot Ion:178 Resp: 80346

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

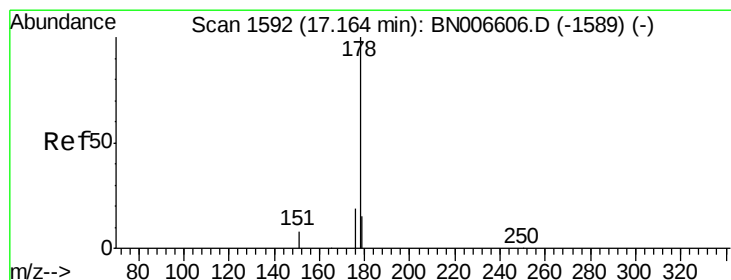
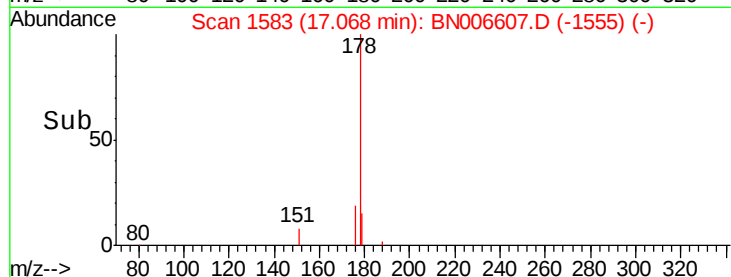
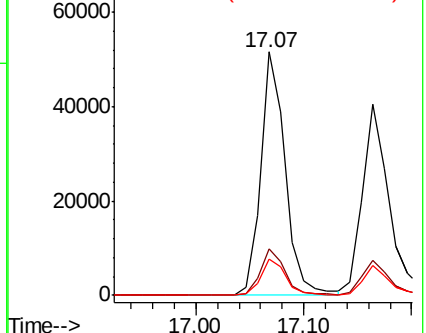
179 15.2 12.2 18.4



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: 0.793 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

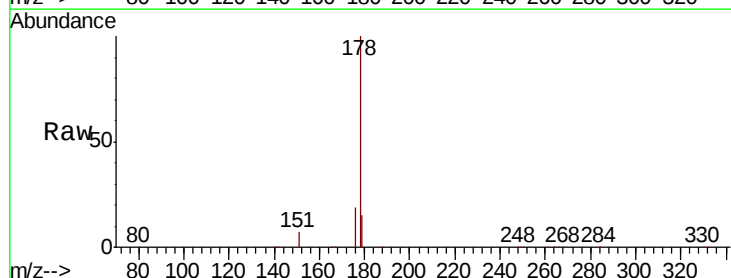
Tgt Ion:178 Resp: 69363

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

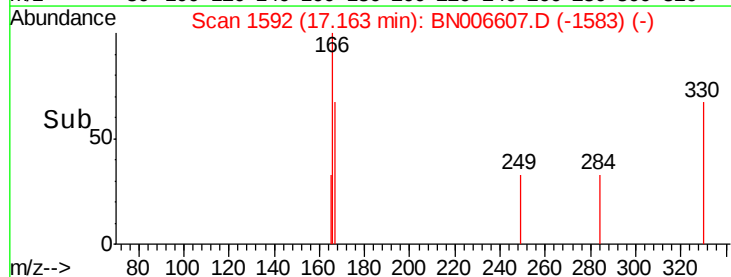
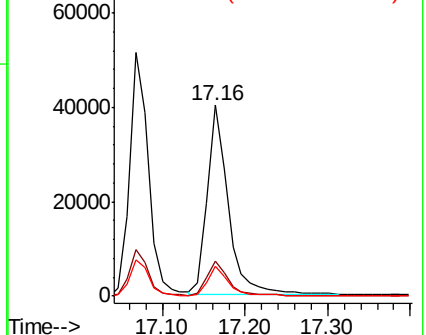
179 15.2 12.2 18.2

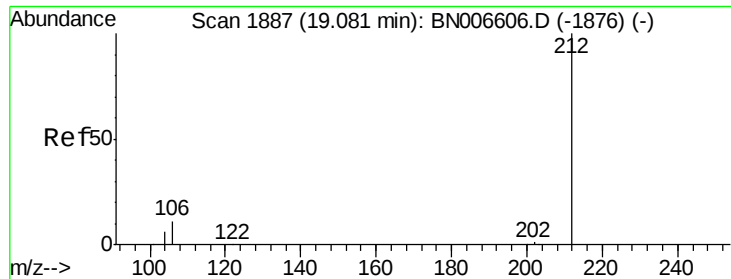


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.792 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

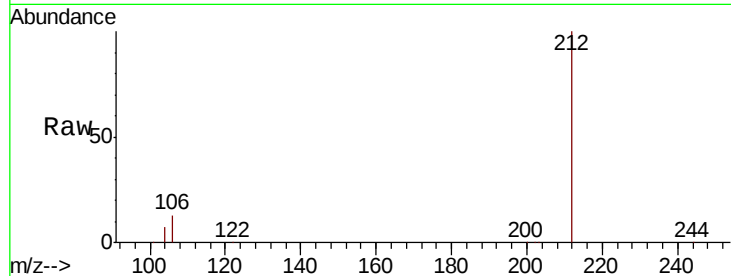
Tot Ion:212 Resp: 79362

Ion Ratio Lower Upper

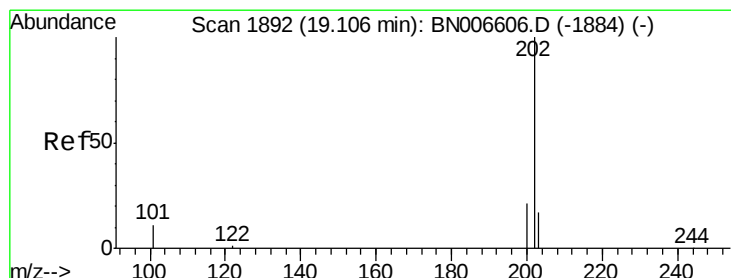
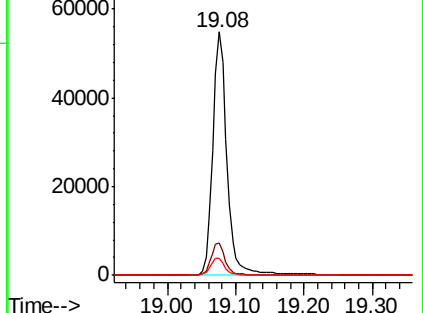
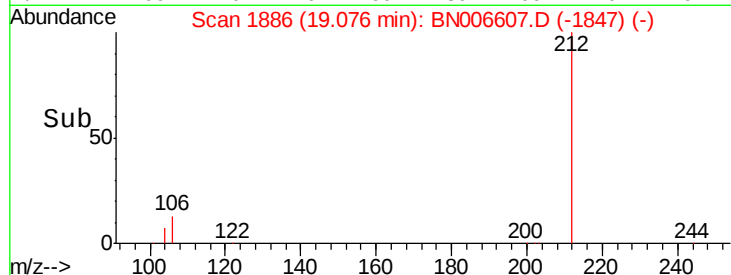
212 100

106 13.5 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: 0.798 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

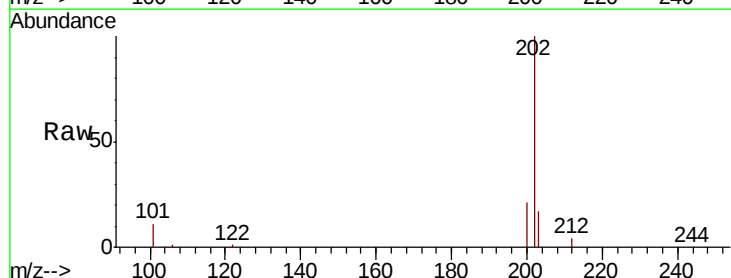
Tgt Ion:202 Resp: 96008

Ion Ratio Lower Upper

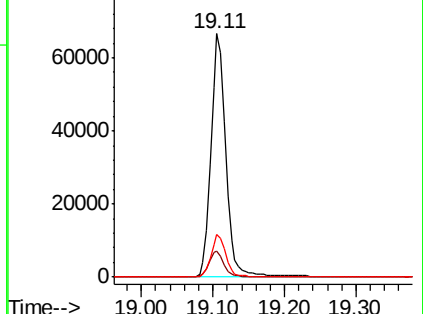
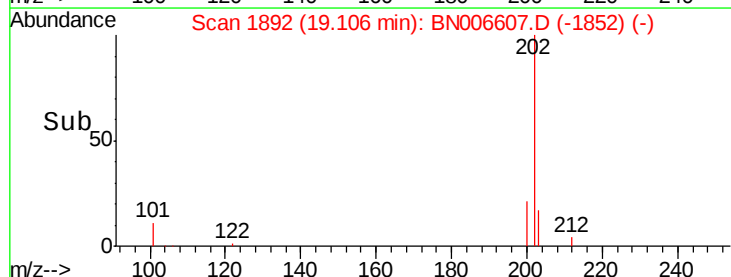
202 100

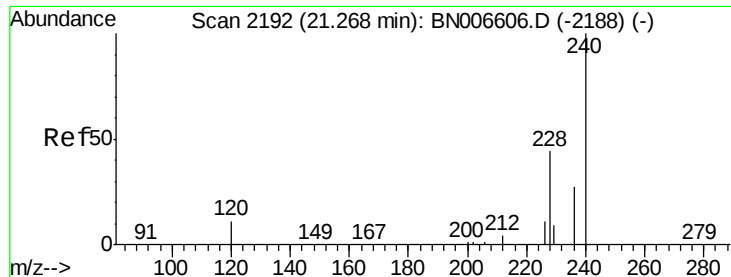
101 10.8 8.9 13.3

203 17.0 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: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

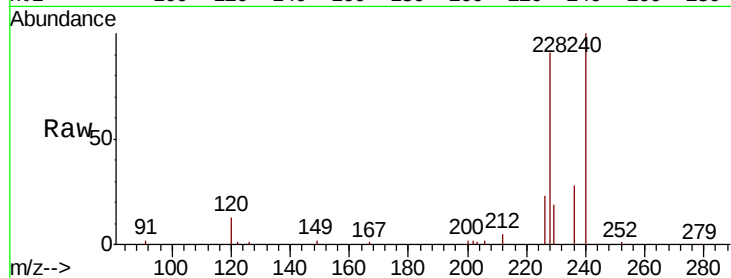
Tot Ion:240 Resp: 35008

Ion Ratio Lower Upper

240 100

120 12.9 9.9 14.9

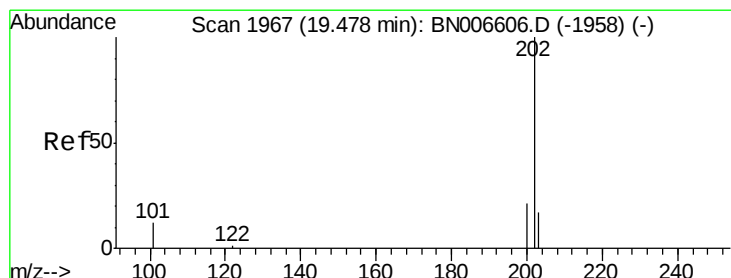
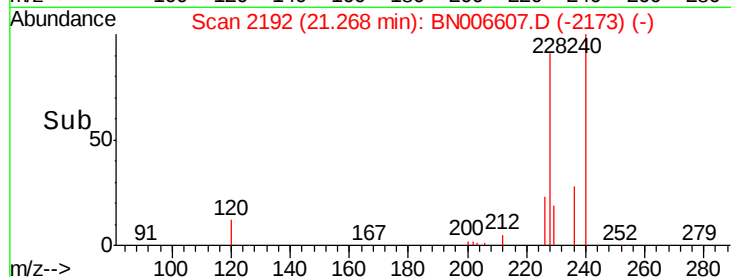
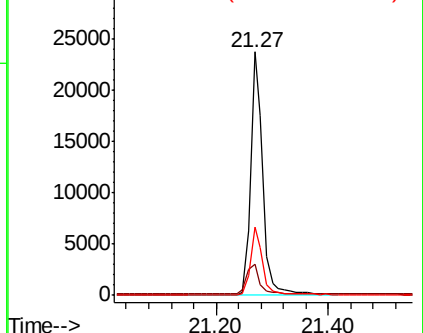
236 27.9 22.2 33.4



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: 0.977 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

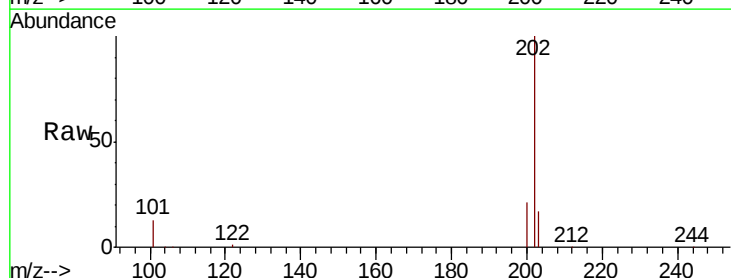
Tgt Ion:202 Resp: 97145

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

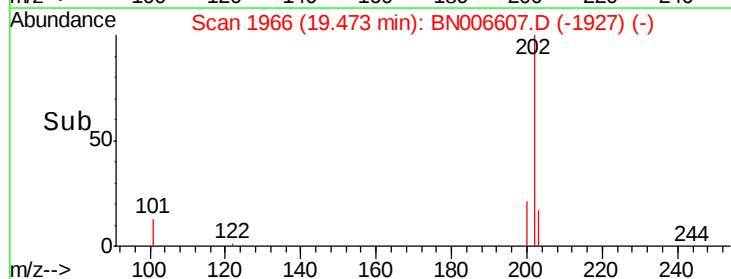
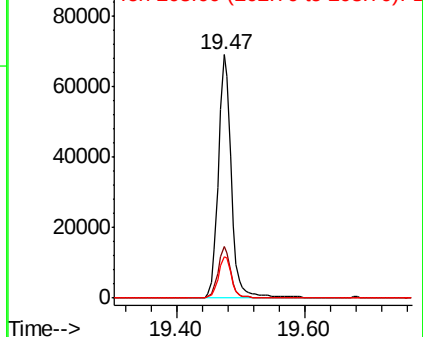
203 17.4 14.1 21.1

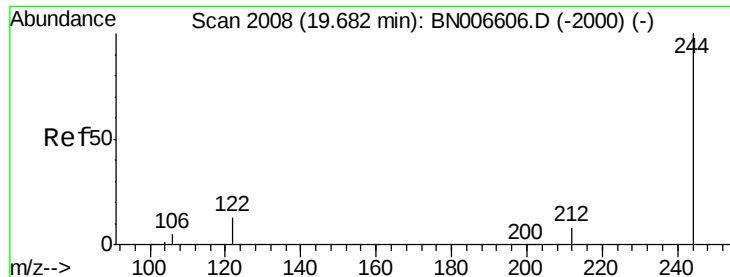


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.847 ng

RT: 19.68 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

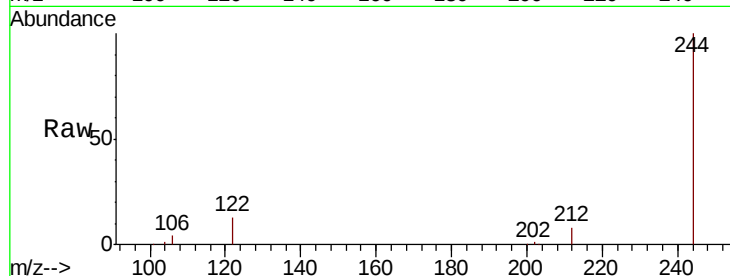
Tot Ion:244 Resp: 60934

Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

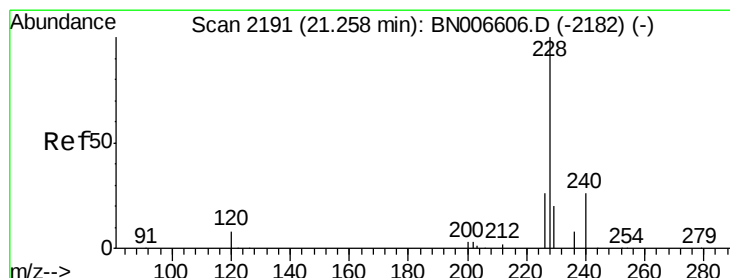
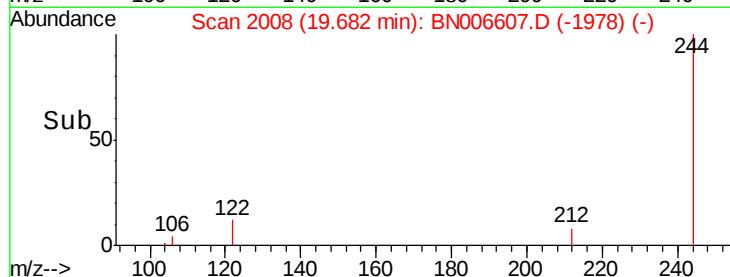
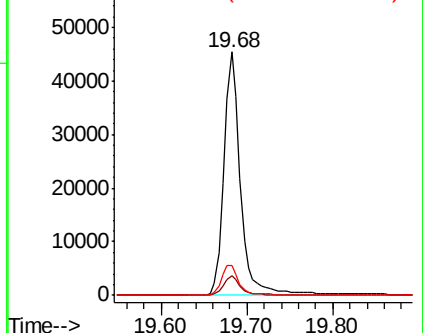
122 12.5 11.0 16.6



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: 0.894 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

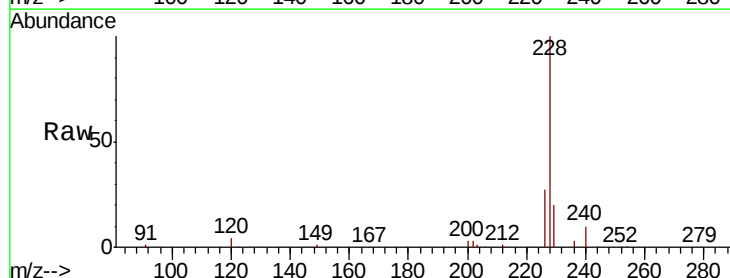
Tgt Ion:228 Resp: 88255

Ion Ratio Lower Upper

228 100

226 26.6 21.2 31.8

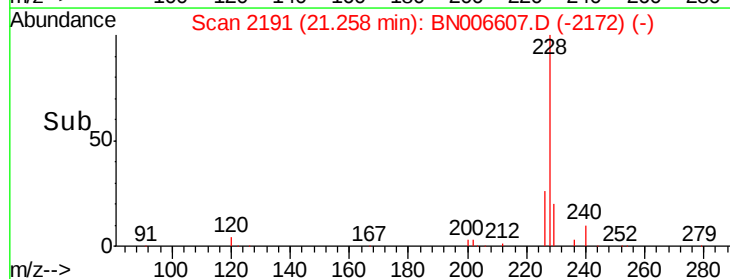
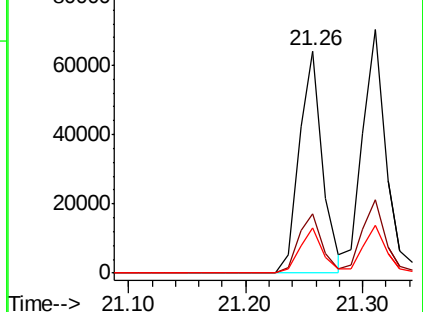
229 20.1 16.1 24.1



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: 0.916 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampled :

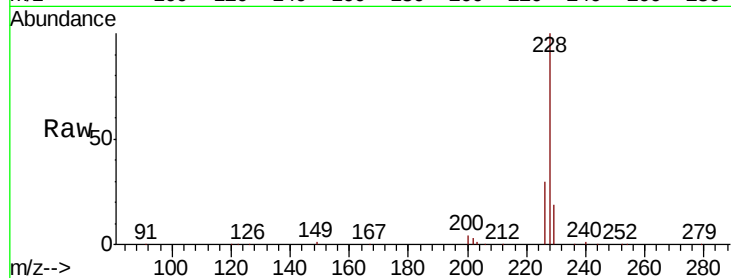
Tot Ion:228 Resp: 97514

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.5	15.9	23.9

228 100

226 30.0 23.8 35.6

229 19.5 15.9 23.9

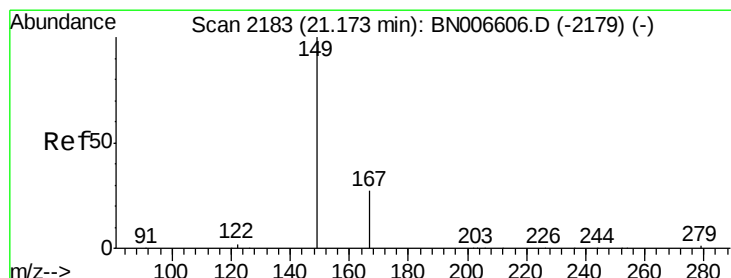
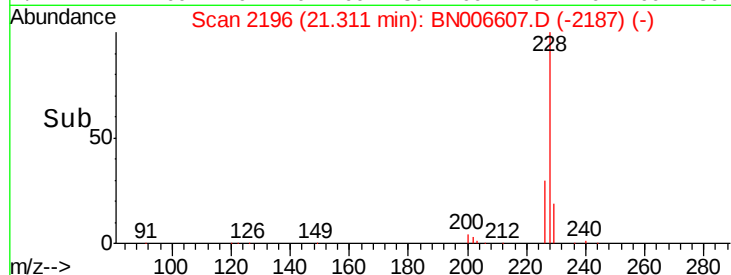
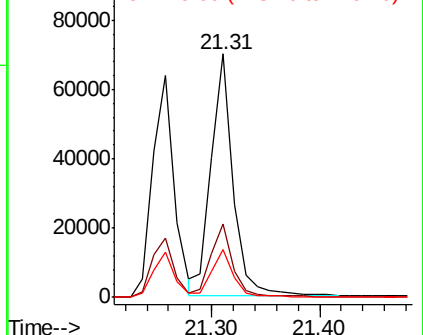


Abundance

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: 1.023 ng

RT: 21.18 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

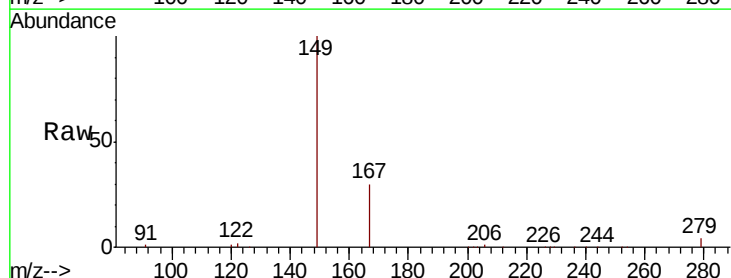
Tgt Ion:149 Resp: 42287

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	4.0	3.3	4.9

149 100

167 28.4 22.9 34.3

279 4.0 3.3 4.9

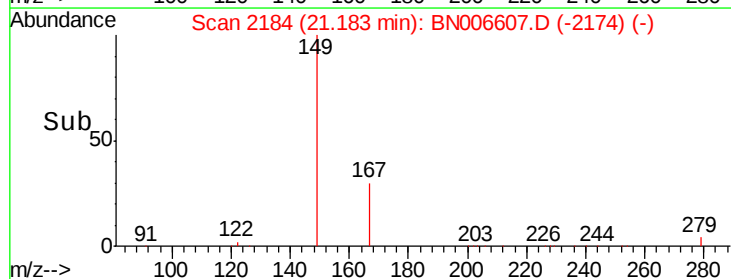
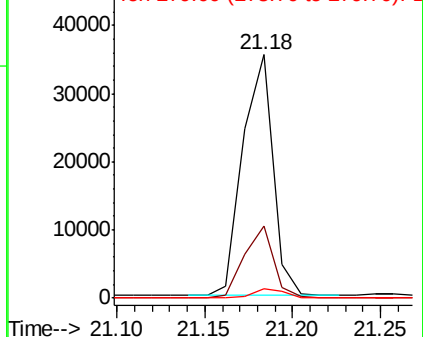


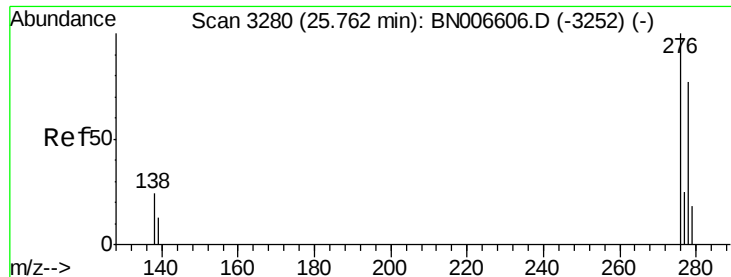
Abundance

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

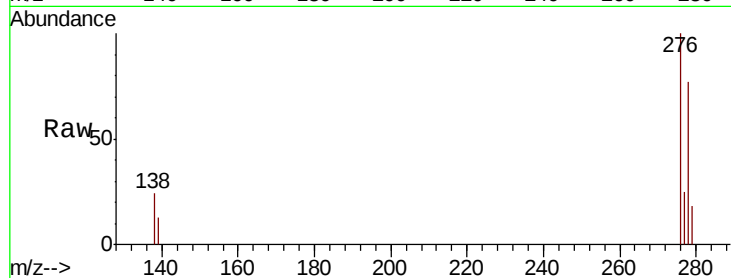




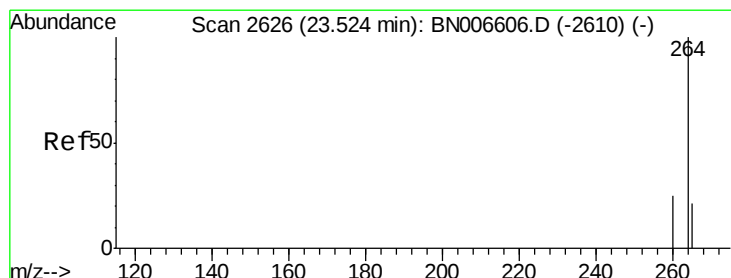
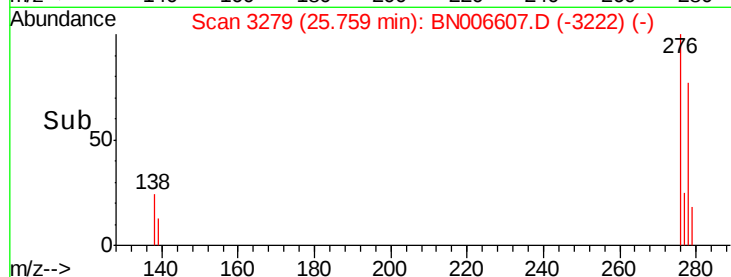
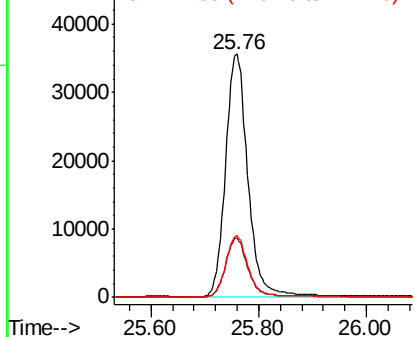
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.857 ng
 RT: 25.76 min Scan# 3279
 Delta R.T. -0.00 min
 Lab File: BN006607.D
 Acq: 28 Jun 2019 10:50

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 102596
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.3 28.9
 277 25.0 19.9 29.9

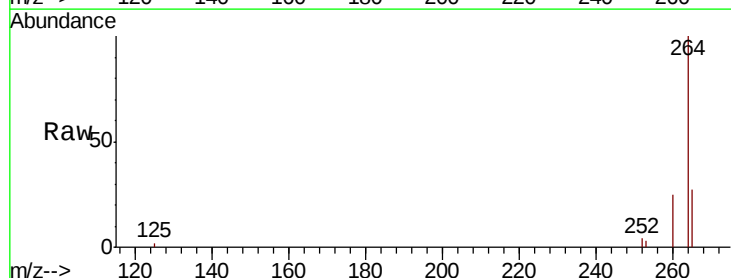


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

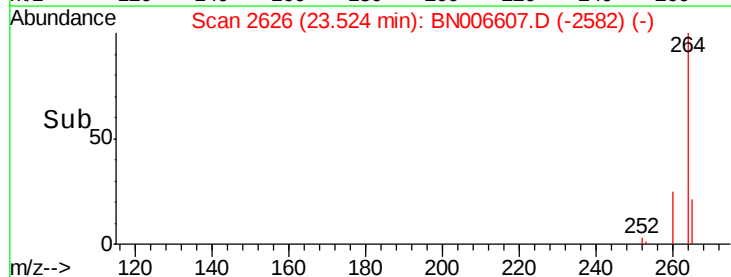
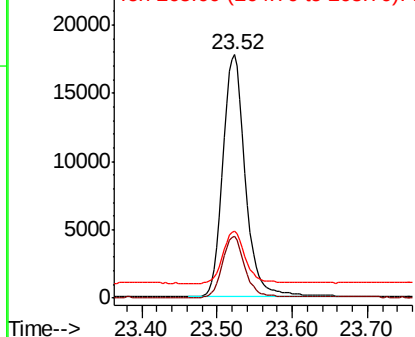


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.52 min Scan# 2626
 Delta R.T. -0.00 min
 Lab File: BN006607.D
 Acq: 28 Jun 2019 10:50

Tgt Ion:264 Resp: 36911
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 27.4 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: 0.836 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

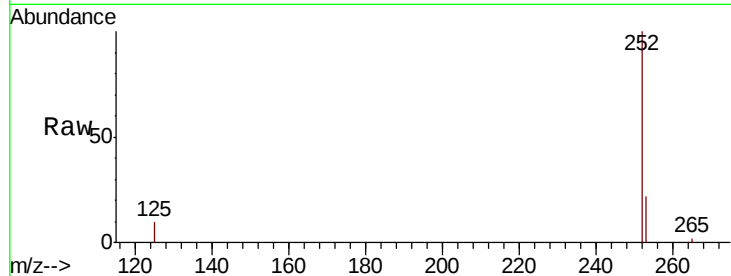
Tot Ion:252 Resp: 98919

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

125 10.0 8.7 13.1

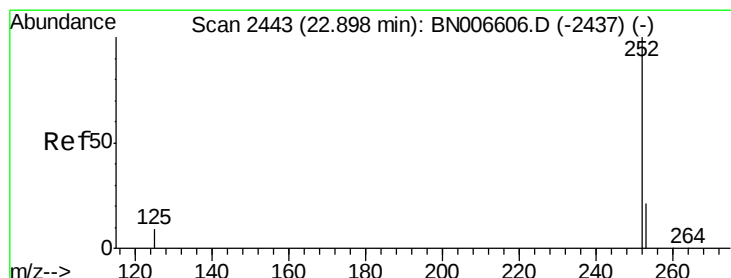
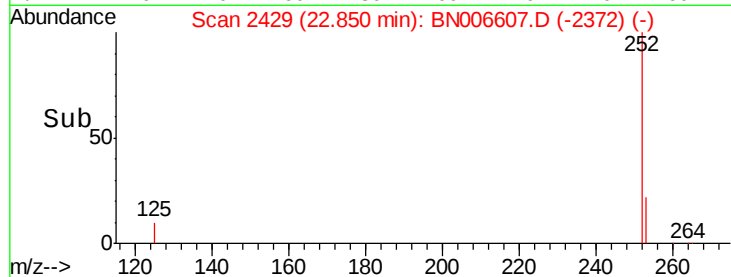
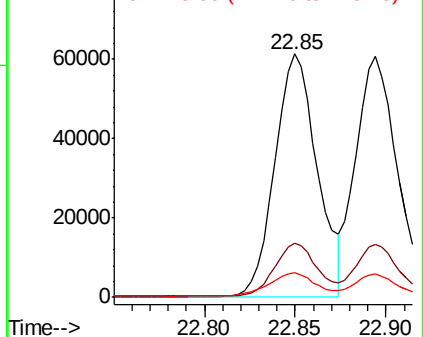


Abundance

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: 0.894 ng

RT: 22.89 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

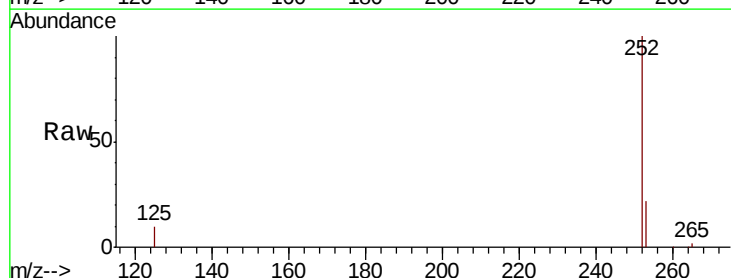
Tgt Ion:252 Resp: 102188

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

125 9.6 8.4 12.6

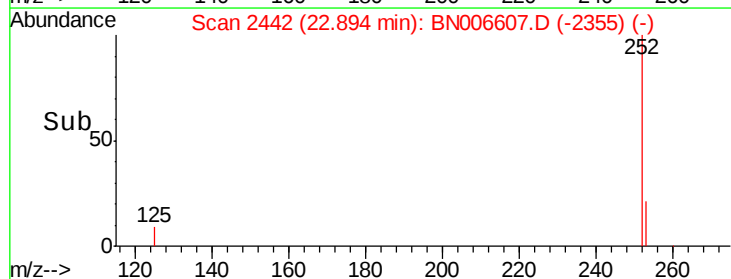
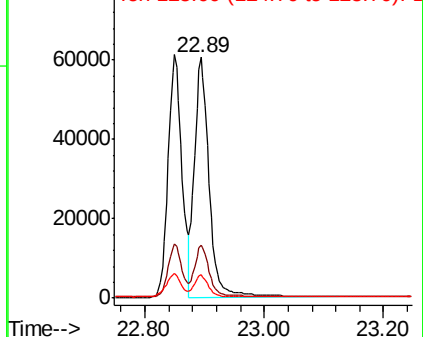


Abundance

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: 0.878 ng

RT: 23.42 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :

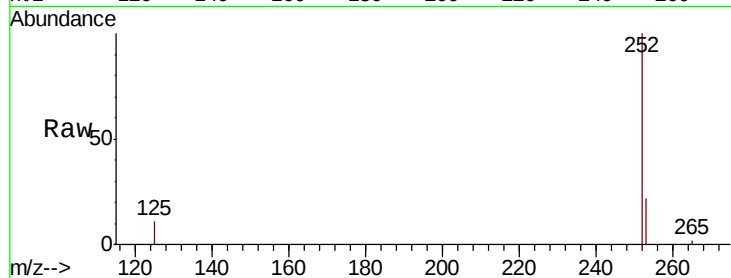
Tot Ion:252 Resp: 92338

Ion Ratio Lower Upper

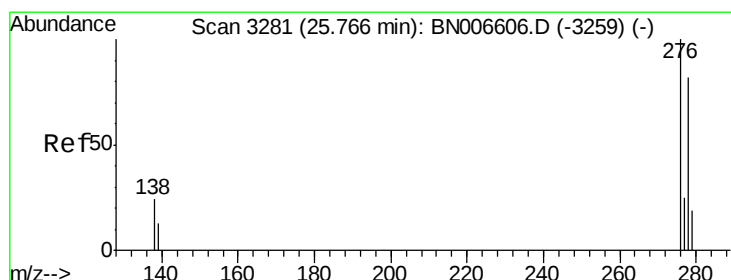
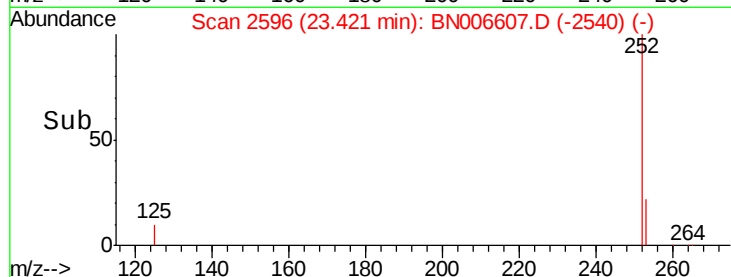
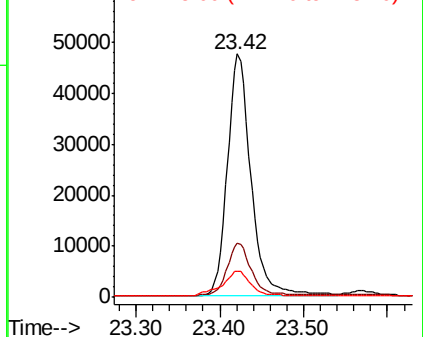
252 100

253 22.3 18.8 28.2

125 10.9 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: 0.783 ng

RT: 25.77 min Scan# 3281

Delta R.T. -0.00 min

Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

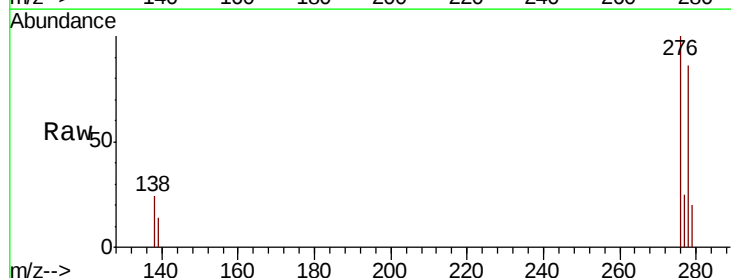
Tgt Ion:278 Resp: 82473

Ion Ratio Lower Upper

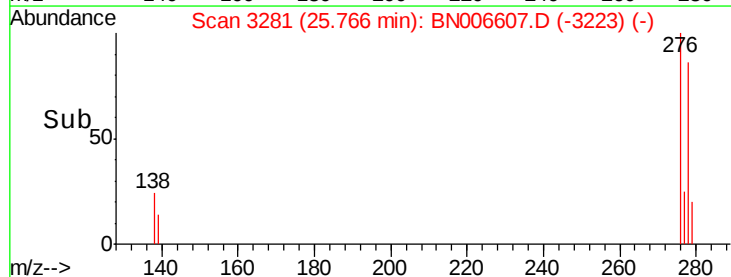
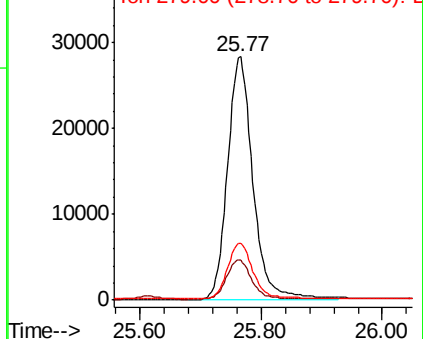
278 100

139 16.6 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: 0.774 ng

RT: 26.44 min Scan# 3479

Delta R.T. -0.00 min

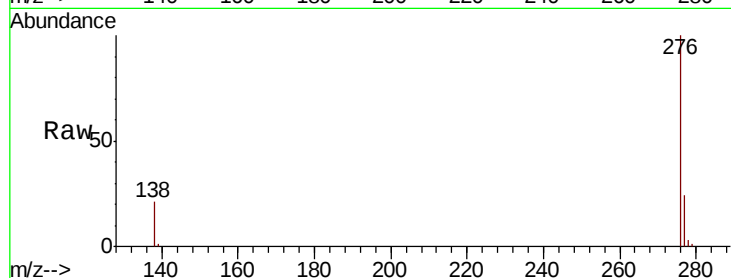
Lab File: BN006607.D

Acq: 28 Jun 2019 10:50

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 82040

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 21.1 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

