

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062819\
 Data File : BN006604.D
 Acq On : 28 Jun 2019 09:06
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

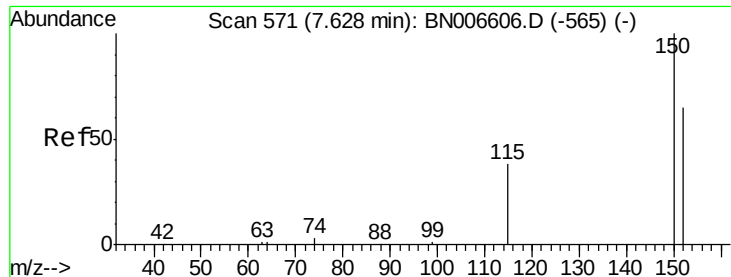
Quant Time: Jun 28 13:17:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:12:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3565	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	14971	0.40	ng	0.00
13) Acenaphthene-d10	14.28	164	9800	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	22835	0.40	ng	0.00
27) Chrysene-d12	21.27	240	22365	0.40	ng	0.00
34) Perylene-d12	23.52	264	24858	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	825	0.09	ng	0.02
5) Phenol-d6	6.86	99	954	0.09	ng	0.03
8) Nitrobenzene-d5	8.83	82	789	0.09	ng	0.04
11) 2-Methylnaphthalene-d10	12.02	152	2255	0.10	ng	0.01
14) 2,4,6-Tribromophenol	15.80	330	358	0.07	ng	0.01
15) 2-Fluorobiphenyl	12.91	172	3368	0.09	ng	0.01
25) Fluoranthene-d10	19.08	212	6430	0.10	ng	0.00
29) Terphenyl-d14	19.69	244	4546	0.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	604	0.158	ng	94
3) n-Nitrosodimethylamine	3.52	42	202	0.086	ng	# 1
6) bis(2-Chloroethyl)ether	7.08	93	802	0.081	ng	96
9) Naphthalene	10.45	128	4017	0.107	ng	# 94
10) Hexachlorobutadiene	10.73	225	866	0.124	ng	# 99
12) 2-Methylnaphthalene	12.09	142	2569	0.095	ng	# 95
16) Acenaphthylene	14.00	152	4082	0.088	ng	98
17) Acenaphthene	14.33	154	2998	0.102	ng	99
18) Fluorene	15.34	166	3579	0.091	ng	100
20) 4-Bromophenyl-phenylether	16.23	248	1069	0.082	ng	# 80
21) Hexachlorobenzene	16.35	284	1566	0.108	ng	98
22) Pentachlorophenol	16.77	266	172	0.054	ng	88
23) Phenanthrene	17.08	178	6068	0.095	ng	99
24) Anthracene	17.17	178	4666	0.082	ng	99
26) Fluoranthene	19.11	202	7370	0.094	ng	99
28) Pyrene	19.48	202	7792	0.123	ng	100
30) Benzo(a)anthracene	21.25	228	6777	0.107	ng	96
31) Chrysene	21.31	228	8155	0.120	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	3356	0.127	ng	99
33) Indeno(1,2,3-cd)pyrene	25.76	276	8237	0.108	ng	99
35) Benzo(b)fluoranthene	22.85	252	8033	0.101	ng	# 89
36) Benzo(k)fluoranthene	22.90	252	8695	0.113	ng	# 87
37) Benzo(a)pyrene	23.42	252	7370	0.104	ng	# 85
38) Dibenzo(a,h)anthracene	25.76	278	6554	0.092	ng	# 90
39) Benzo(g,h,i)perylene	26.44	276	6743	0.094	ng	94

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

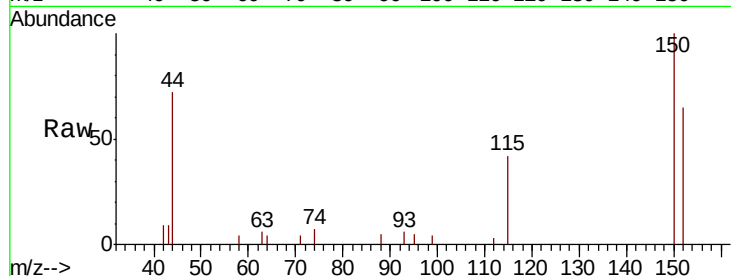


#1

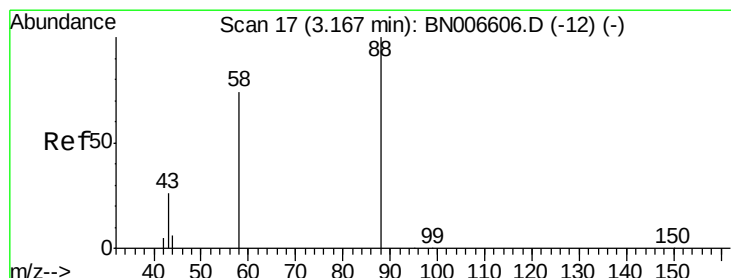
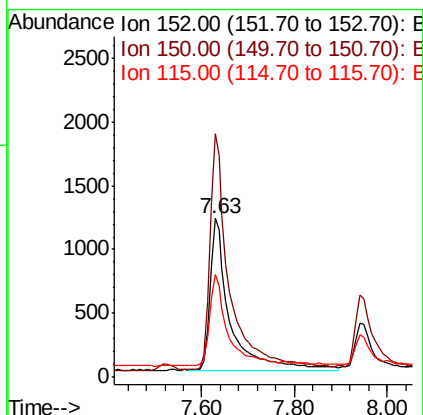
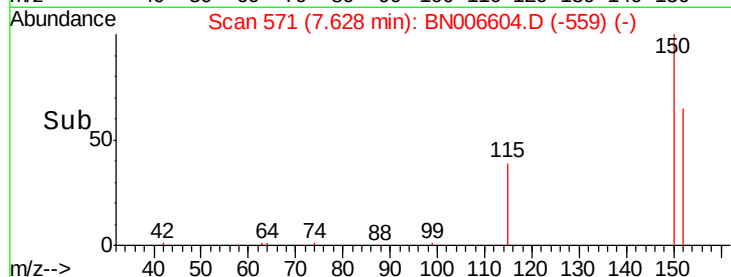
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3565
Ion Ratio Lower Upper
152 100
150 153.5 122.2 183.2
115 64.9 50.0 75.0



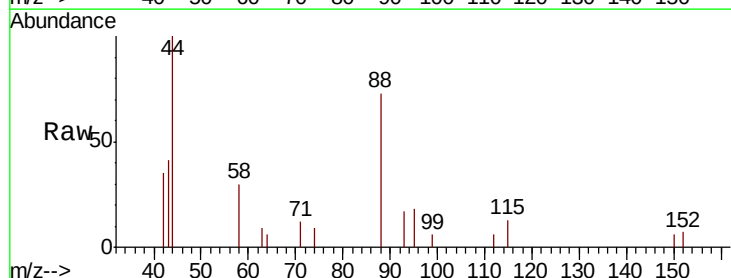
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



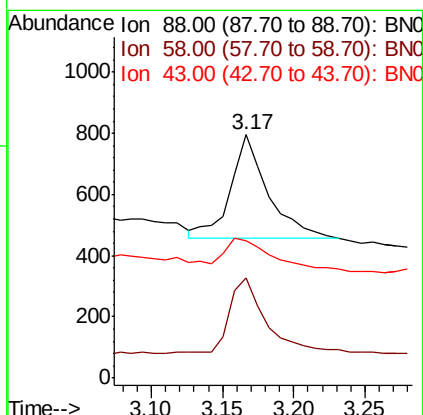
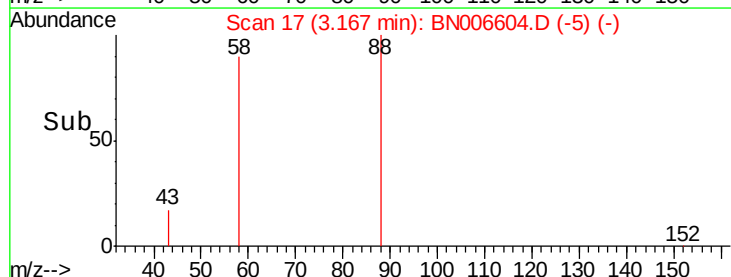
#2

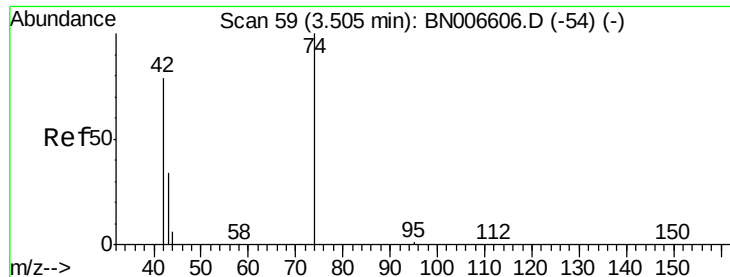
1,4-Dioxane
Concen: 0.158 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion: 88 Resp: 604
Ion Ratio Lower Upper
88 100
58 72.8 62.5 93.7
43 34.3 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: 0.086 ng

RT: 3.52 min Scan# 61

Delta R.T. 0.02 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampled :

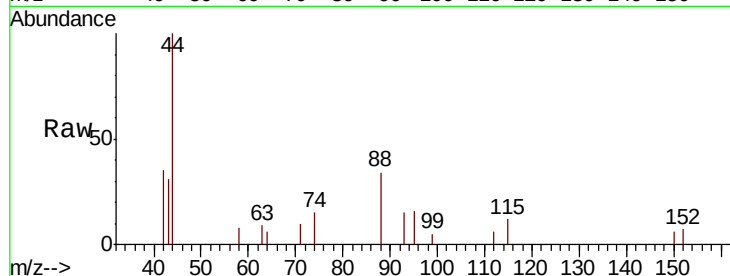
Tot Ion: 42 Resp: 202

Ion Ratio Lower Upper

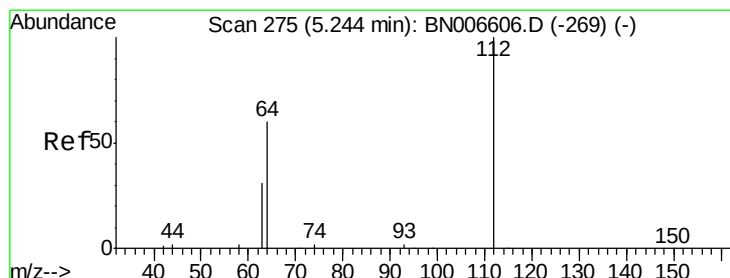
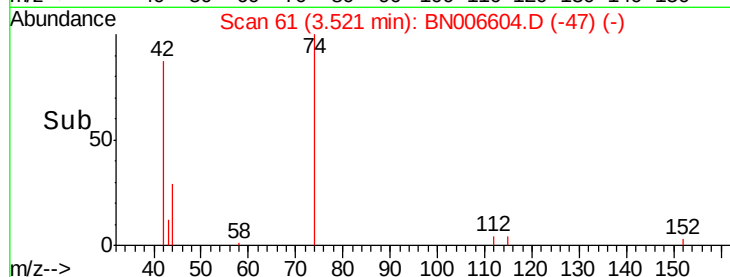
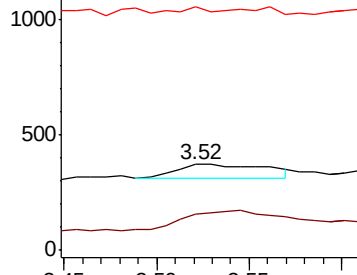
42 100

74 0.0 103.1 154.7#

44 23.3 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: 0.093 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.02 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

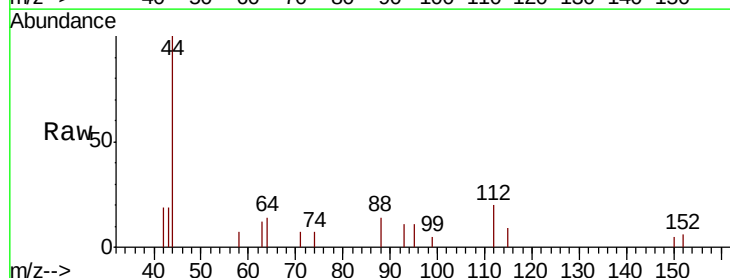
Tgt Ion: 112 Resp: 825

Ion Ratio Lower Upper

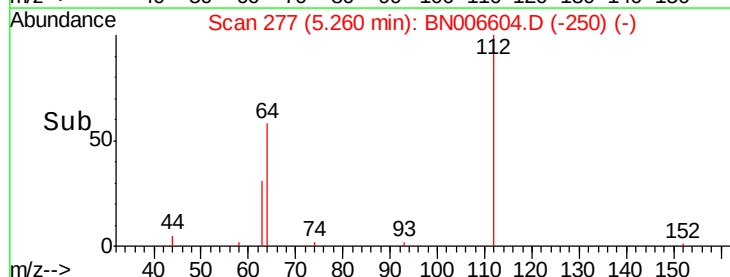
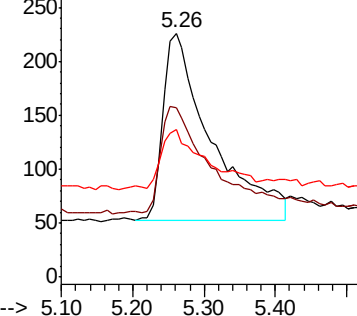
112 100

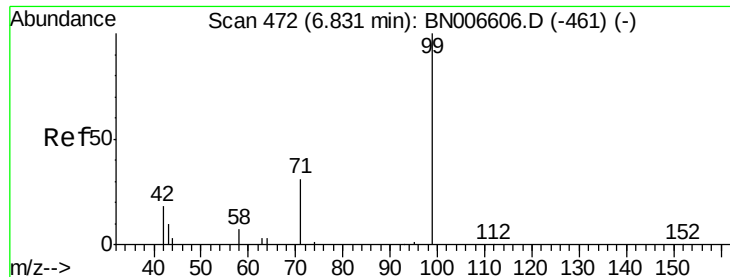
64 58.8 48.9 73.3

63 30.9 24.3 36.5



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





#5

Phenol-d6

Concen: 0.091 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.03 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :

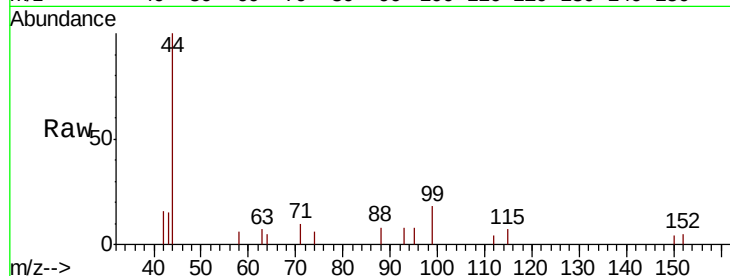
Tot Ion: 99 Resp: 954

Ion Ratio Lower Upper

99 100

42 22.3 16.4 24.6

71 34.1 26.6 40.0

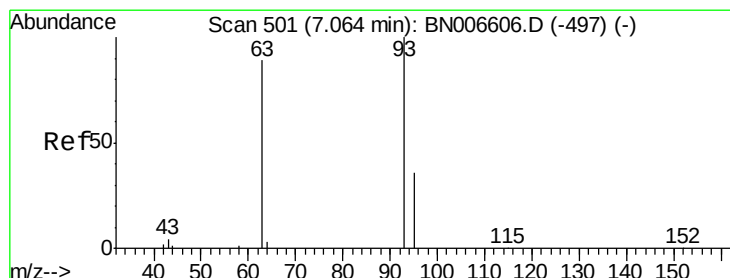
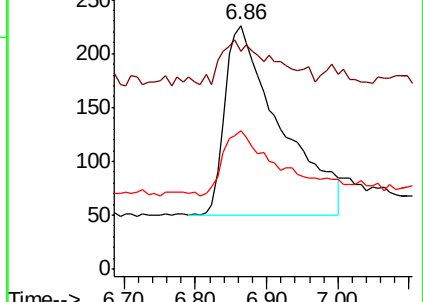
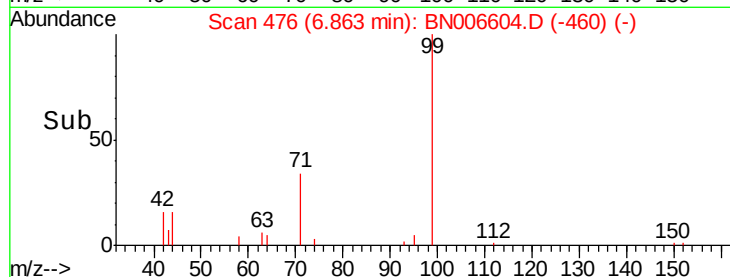


Abundance Ion 99.00 (98.70 to 99.70): BN006604.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006604.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006604.D (-460) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.081 ng

RT: 7.08 min Scan# 503

Delta R.T. 0.02 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

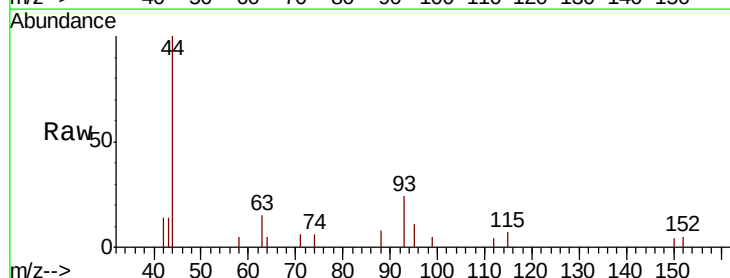
Tgt Ion: 93 Resp: 802

Ion Ratio Lower Upper

93 100

63 62.6 52.5 78.7

95 28.4 24.2 36.4

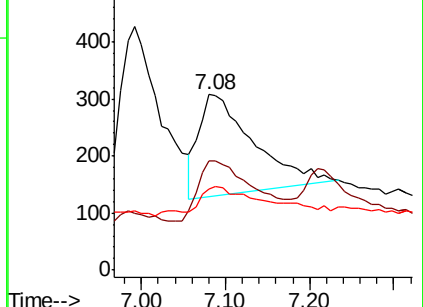
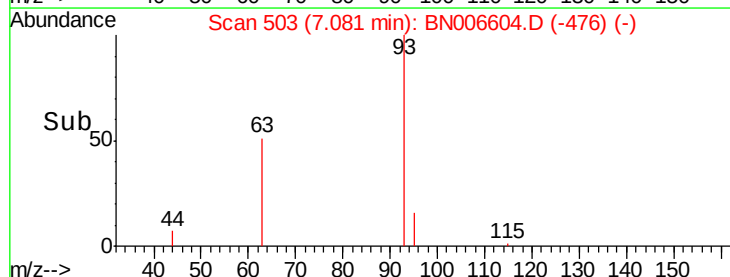


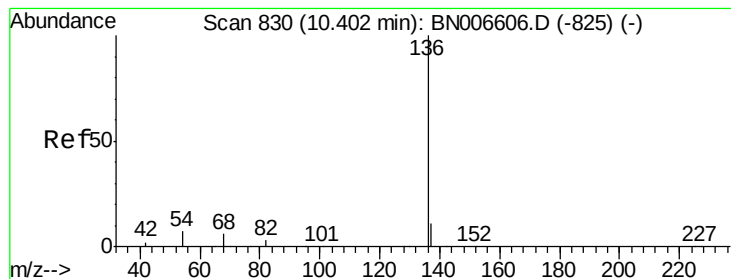
Abundance Ion 93.00 (92.70 to 93.70): BN006604.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006604.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006604.D (-476) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 14971

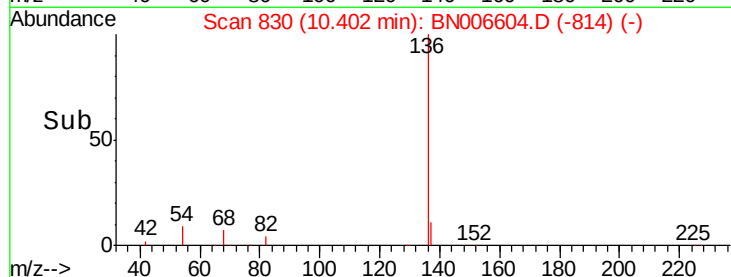
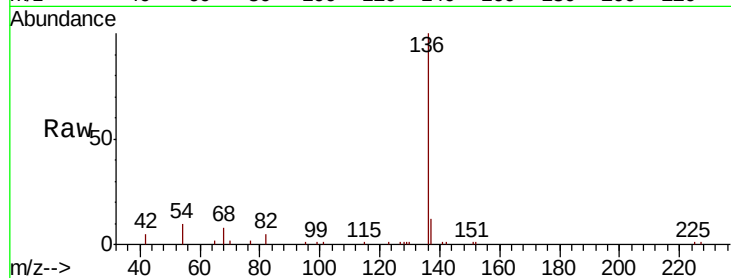
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 10.5 6.7 10.1#

68 8.1 5.3 7.9#

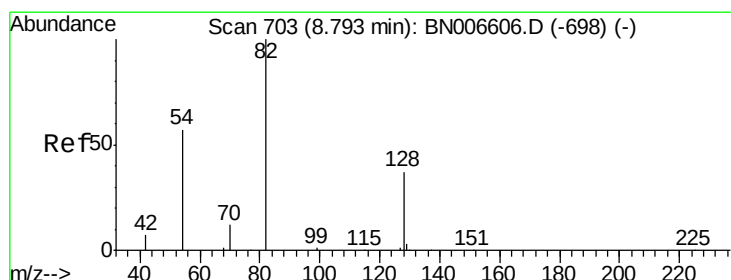
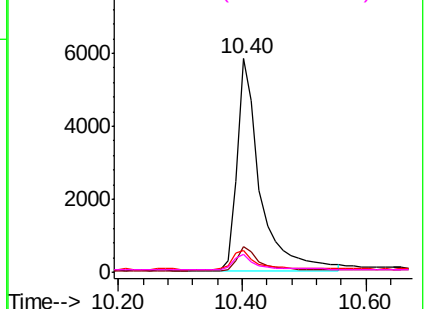


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.091 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

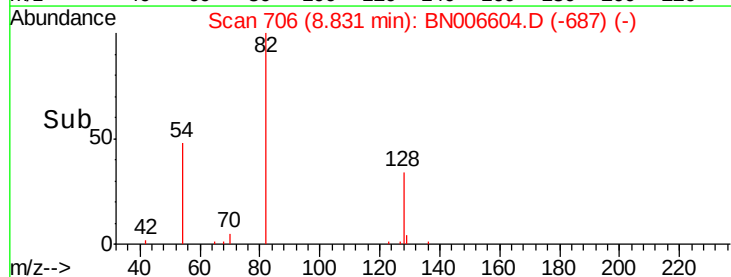
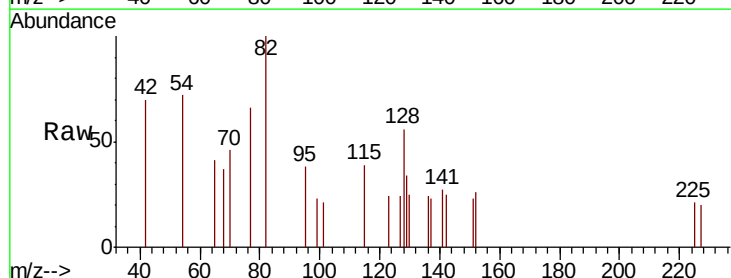
Tgt Ion: 82 Resp: 789

Ion Ratio Lower Upper

82 100

128 55.7 32.6 49.0#

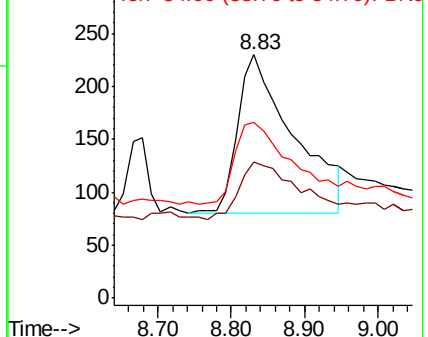
54 72.2 48.2 72.4

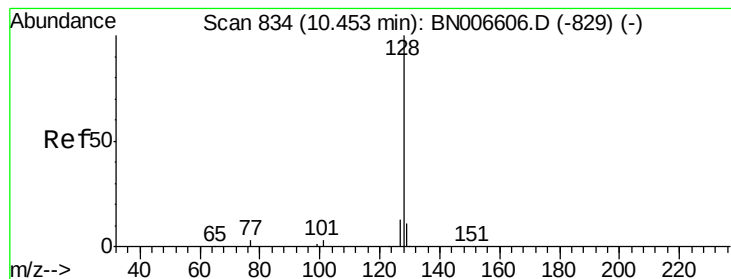


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.107 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :

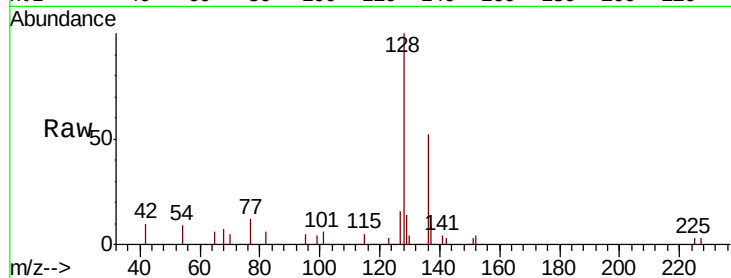
Tot Ion:128 Resp: 4017

Ion Ratio Lower Upper

128 100

129 14.1 9.3 13.9#

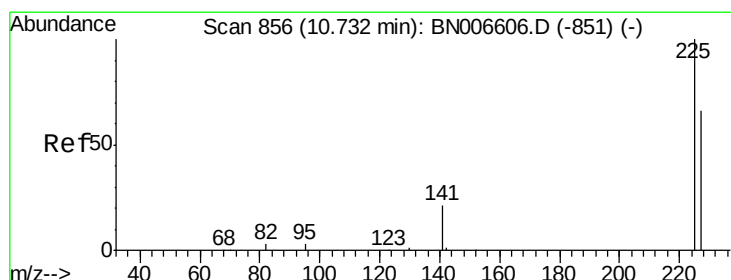
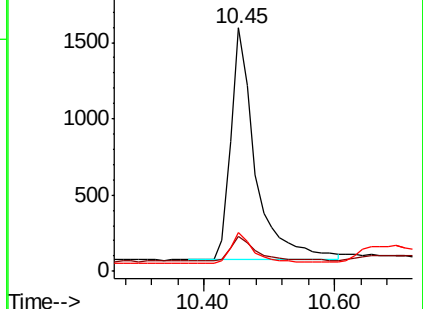
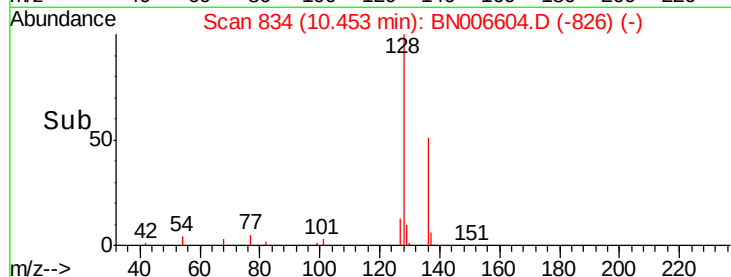
127 15.9 10.8 16.2



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: 0.124 ng

RT: 10.73 min Scan# 856

Delta R.T. 0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

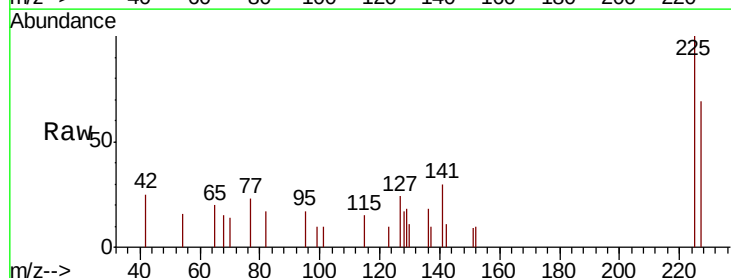
Tgt Ion:225 Resp: 866

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

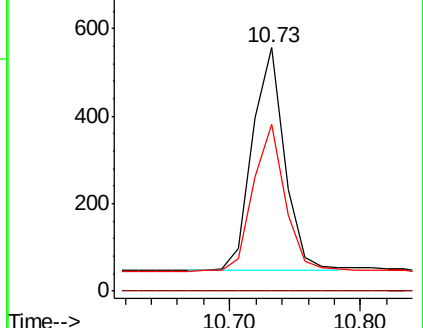
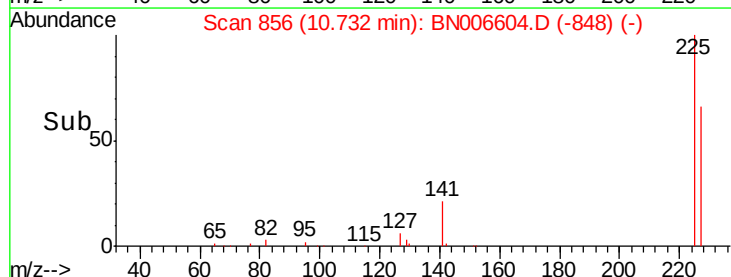
227 65.4 51.4 77.2

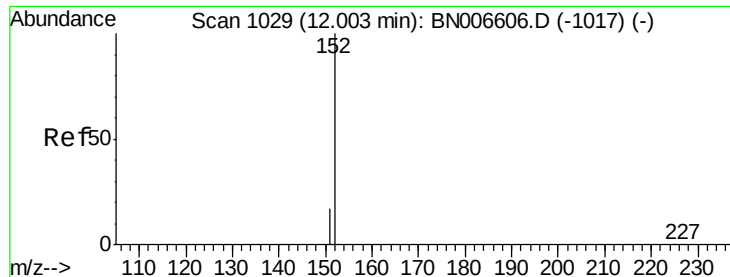


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

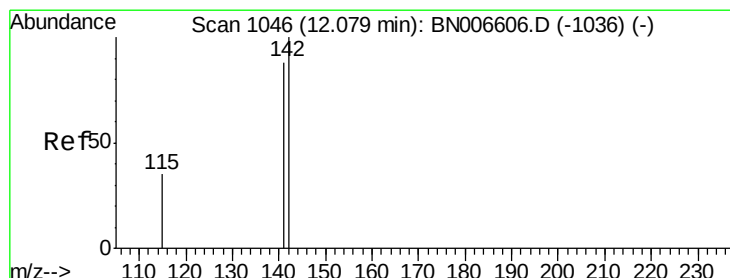
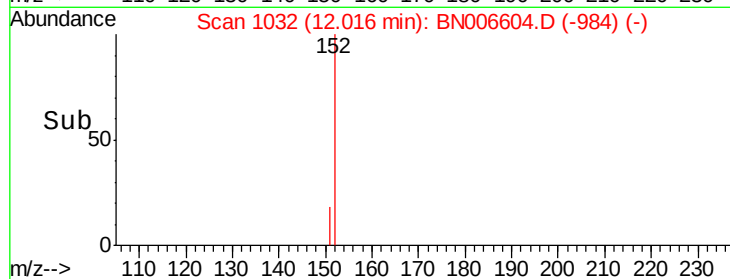
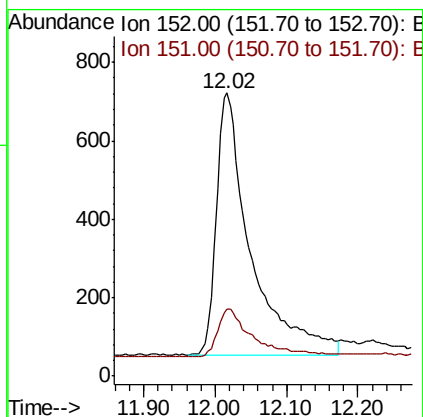
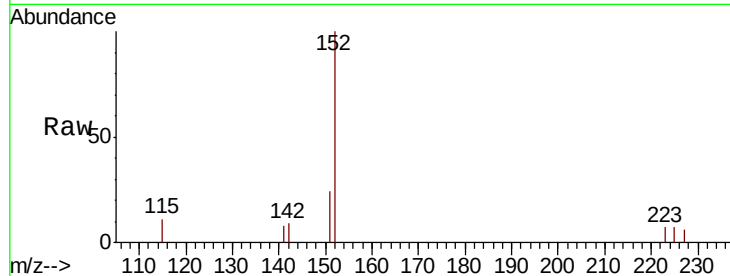




#11
2-Methylnaphthalene-d10
Concen: 0.097 ng
RT: 12.02 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

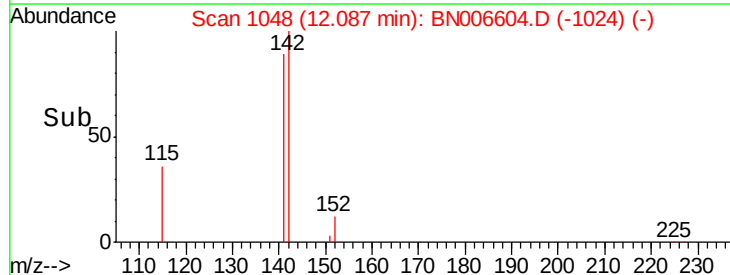
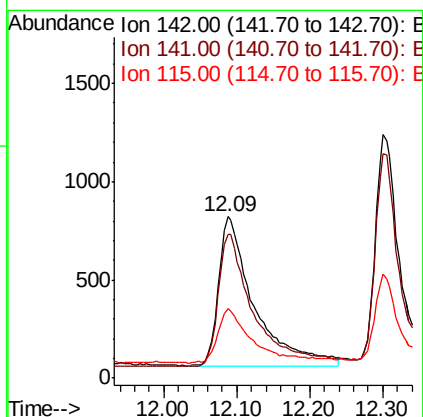
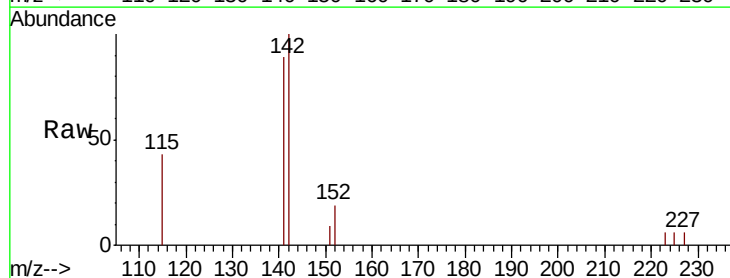
Instrument :
BNA_N
ClientSampleId :

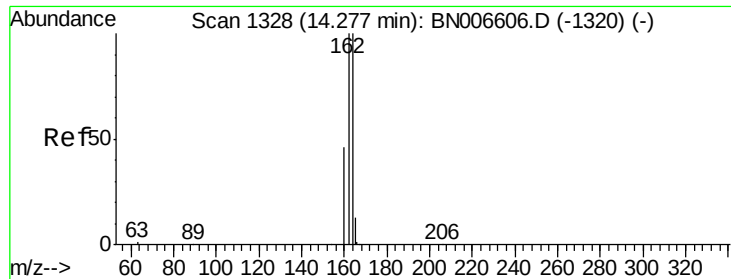
Tot Ion:152 Resp: 2255
Ion Ratio Lower Upper
152 100
151 19.2 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.095 ng
RT: 12.09 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:142 Resp: 2569
Ion Ratio Lower Upper
142 100
141 89.1 70.2 105.4
115 43.4 28.5 42.7#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :

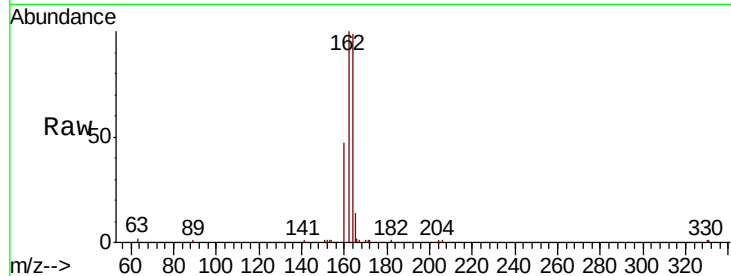
Tot Ion:164 Resp: 9800

Ion Ratio Lower Upper

164 100

162 100.5 80.0 120.0

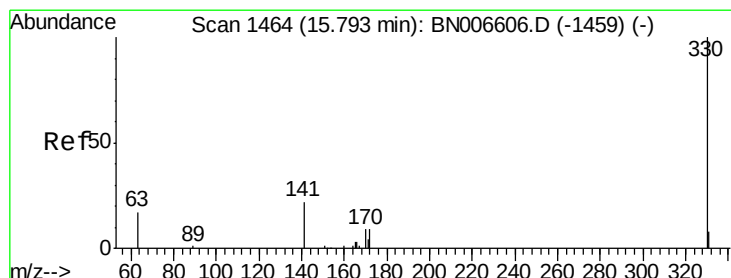
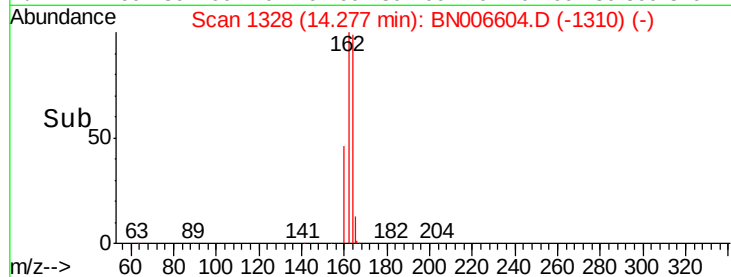
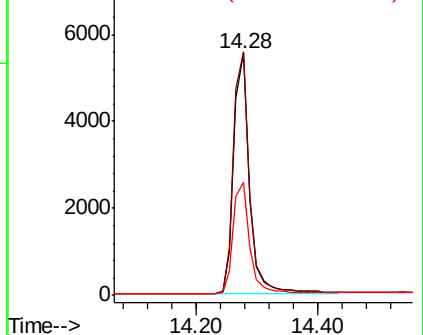
160 46.9 37.0 55.4



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: 0.065 ng

RT: 15.80 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

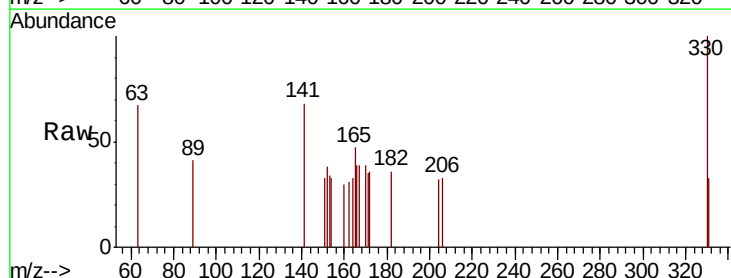
Tgt Ion:330 Resp: 358

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

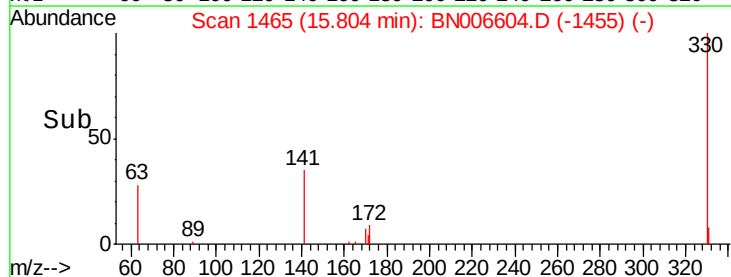
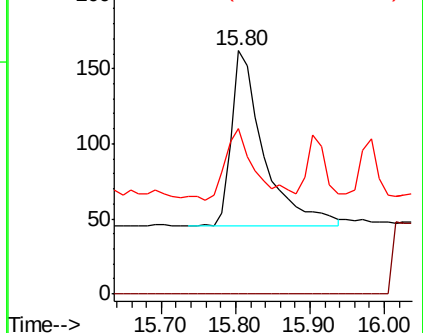
141 38.0 26.5 39.7

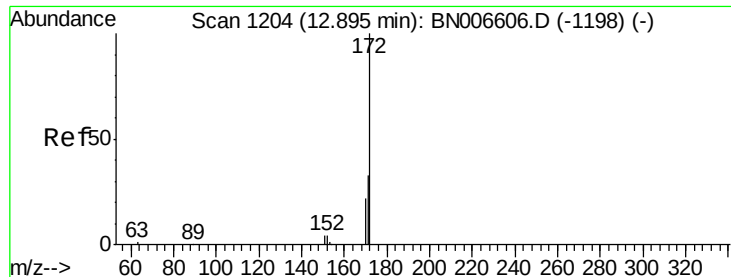


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.091 ng

RT: 12.91 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampled :

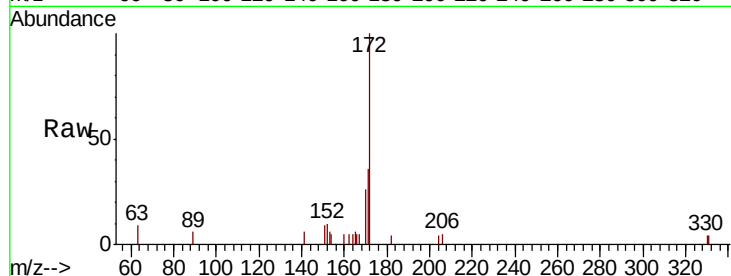
Tot Ion:172 Resp: 3368

Ion Ratio Lower Upper

172 100

171 36.4 27.0 40.4

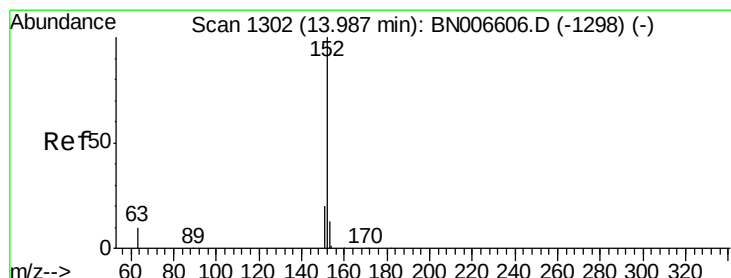
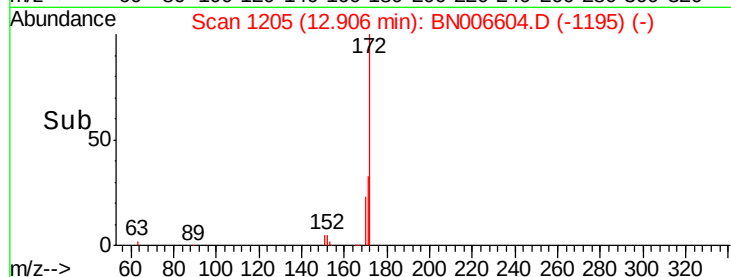
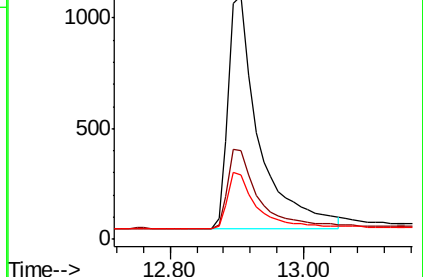
170 26.4 17.7 26.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.088 ng

RT: 14.00 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

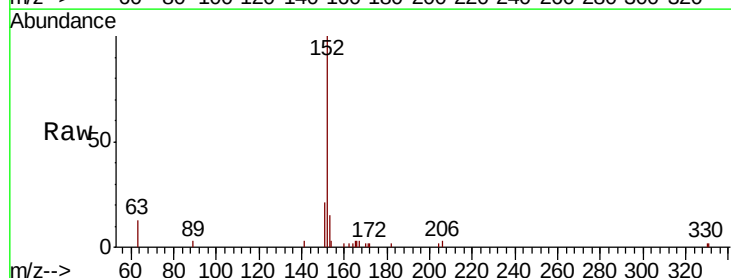
Tgt Ion:152 Resp: 4082

Ion Ratio Lower Upper

152 100

151 20.7 15.6 23.4

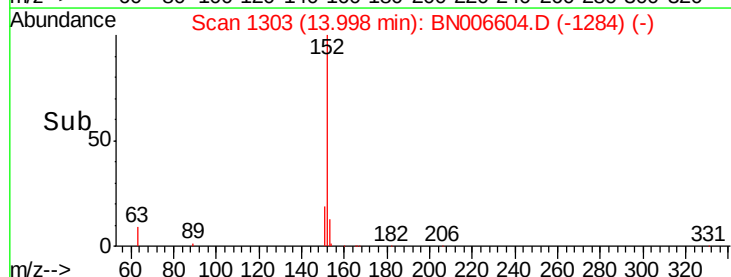
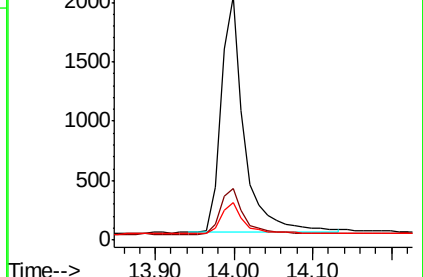
153 13.2 10.5 15.7

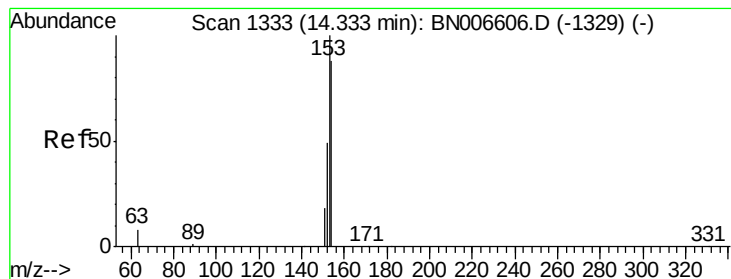


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.102 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :

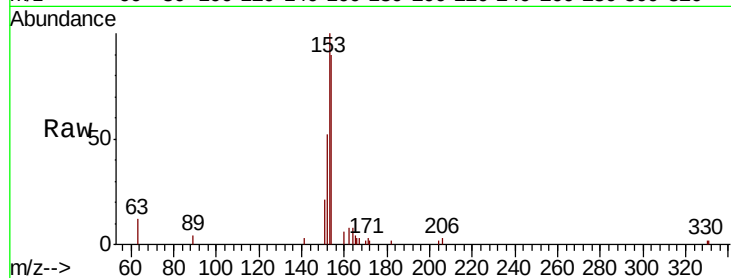
Tot Ion:154 Resp: 2998

Ion Ratio Lower Upper

154 100

153 112.4 90.2 135.4

152 54.4 44.2 66.4

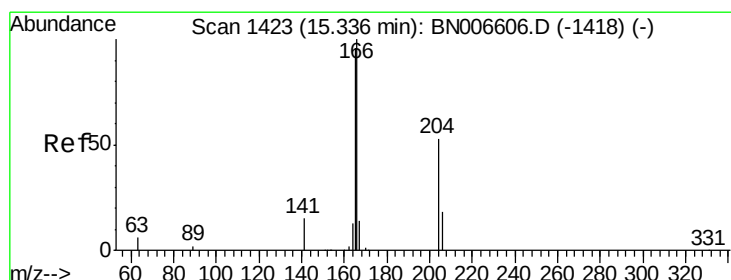
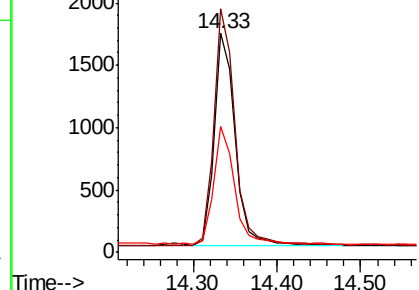
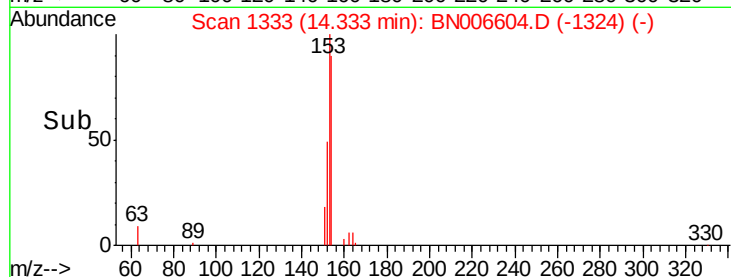


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.091 ng

RT: 15.34 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

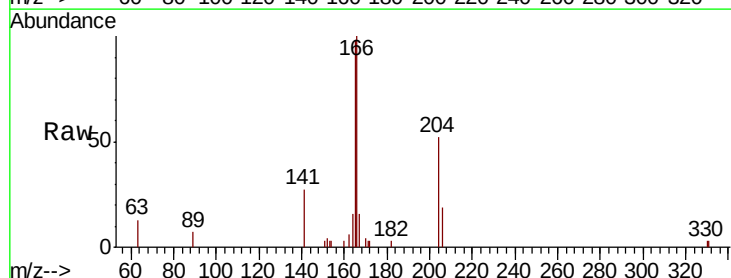
Tgt Ion:166 Resp: 3579

Ion Ratio Lower Upper

166 100

165 97.8 78.4 117.6

167 13.6 10.8 16.2

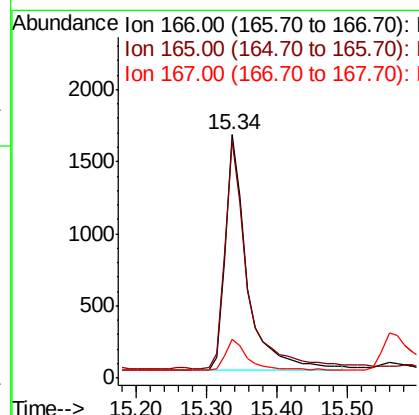
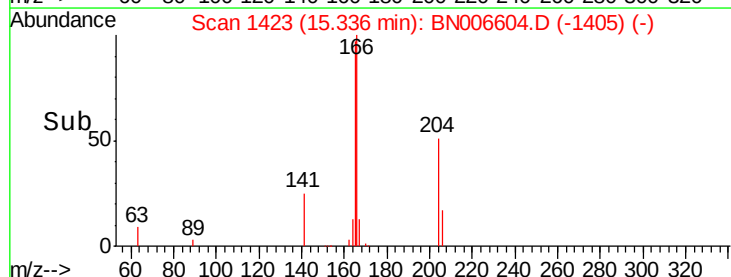


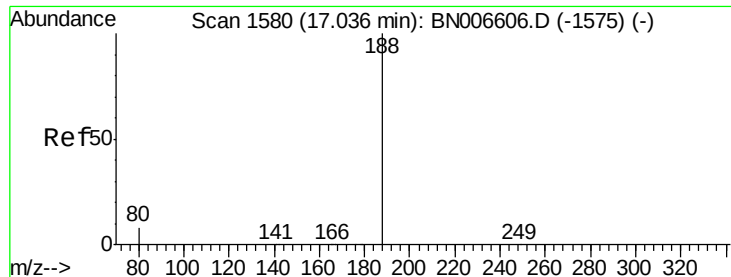
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :

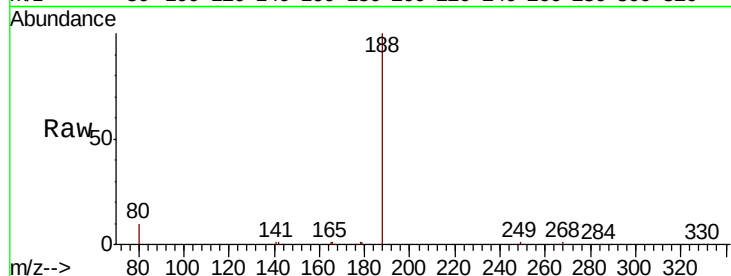
Tot Ion:188 Resp: 22835

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

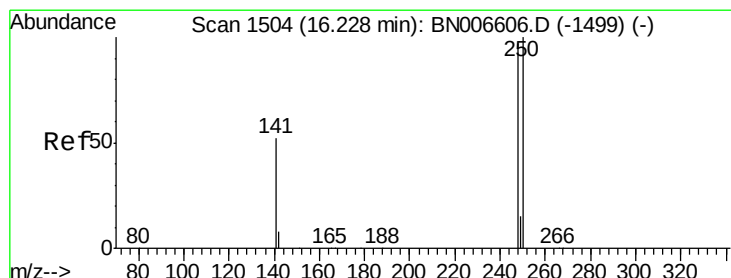
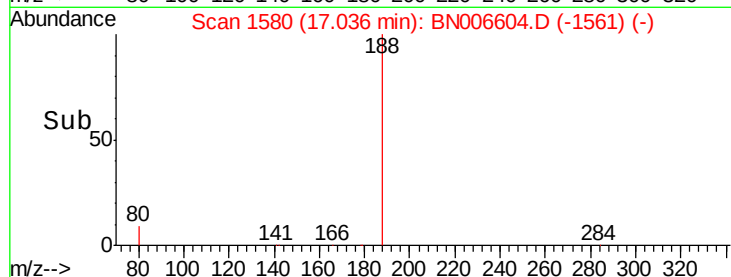
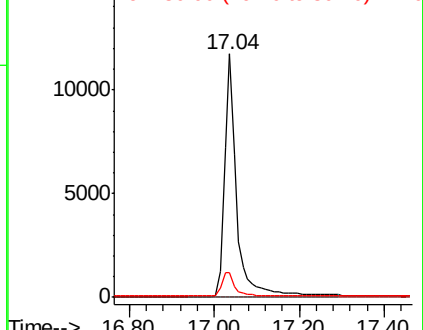
80 10.0 7.1 10.7



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: 0.082 ng

RT: 16.23 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

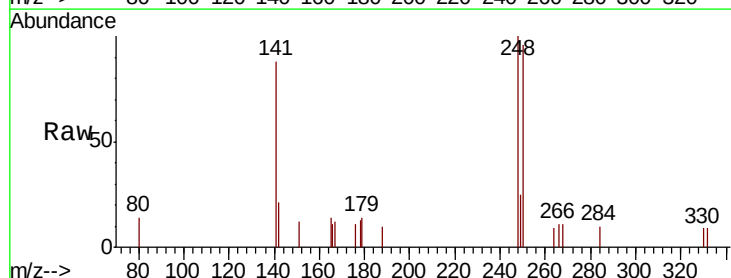
Tgt Ion:248 Resp: 1069

Ion Ratio Lower Upper

248 100

250 96.4 82.2 123.4

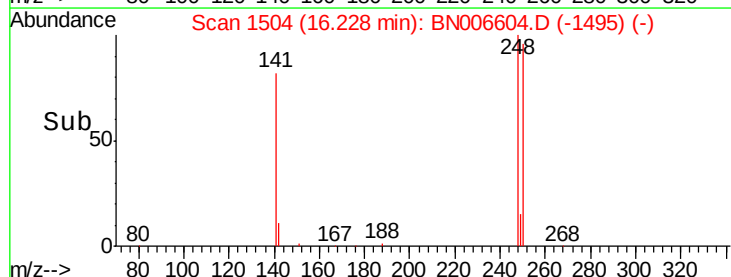
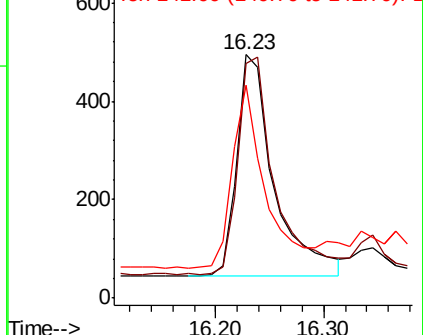
141 87.7 43.8 65.8#

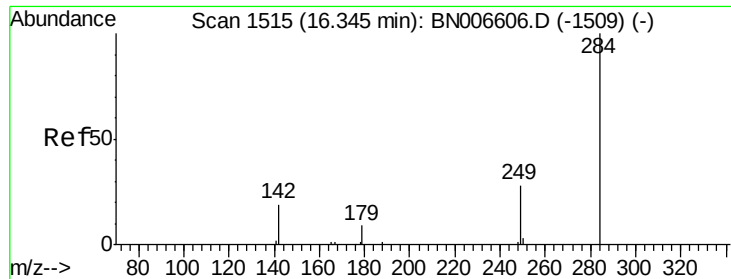


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

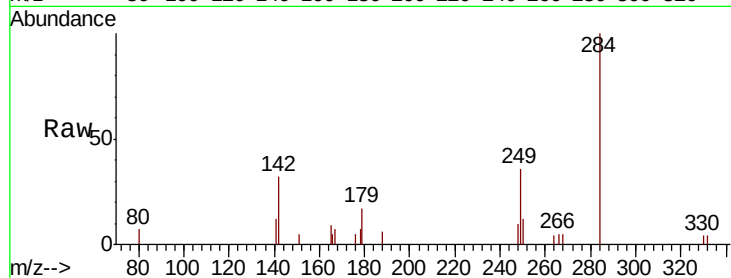




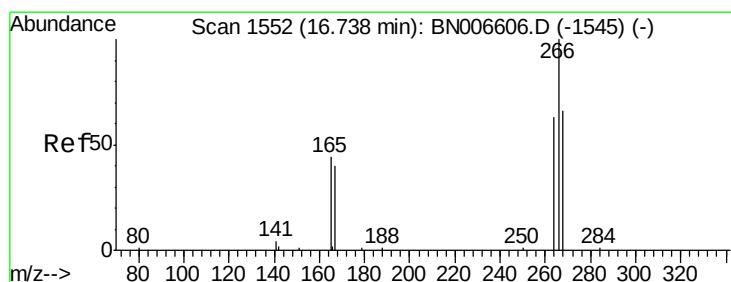
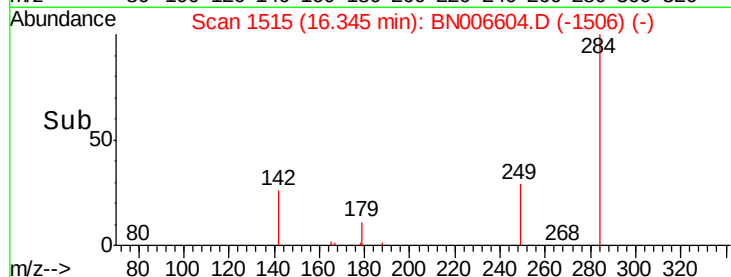
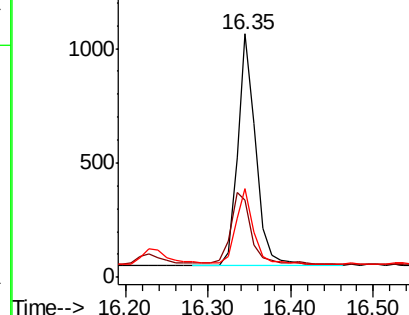
#21
Hexachlorobenzene
Concen: 0.108 ng
RT: 16.35 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.5	41.3
249	32.0	24.7	37.1

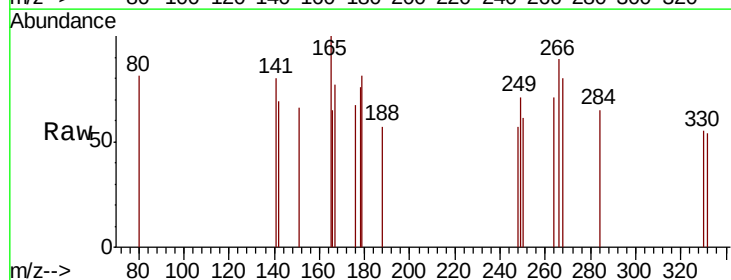


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

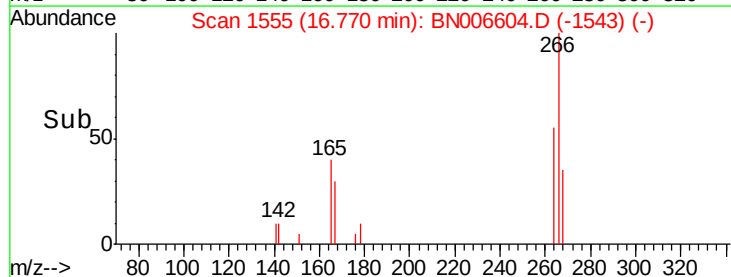
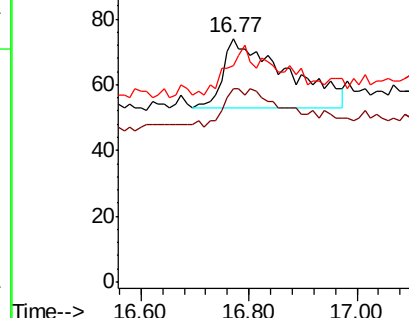


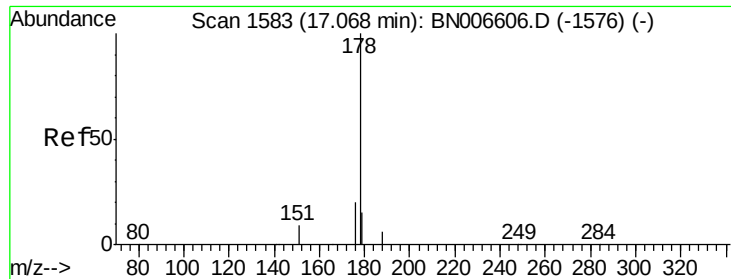
#22
Pentachlorophenol
Concen: 0.054 ng
RT: 16.77 min Scan# 1555
Delta R.T. 0.03 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion	Ratio	Lower	Upper
266	100		
264	79.7	56.2	84.4
268	89.2	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: 0.095 ng

RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :

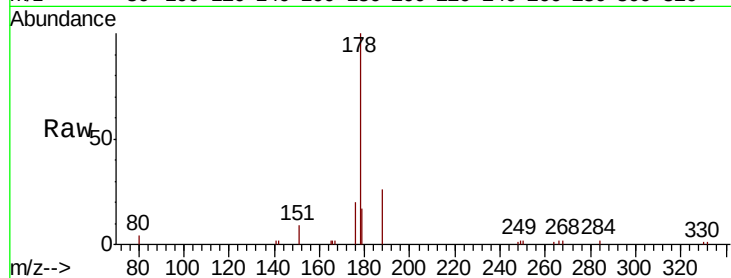
Tot Ion:178 Resp: 6068

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

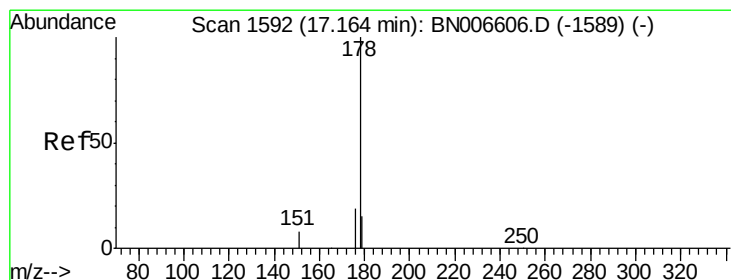
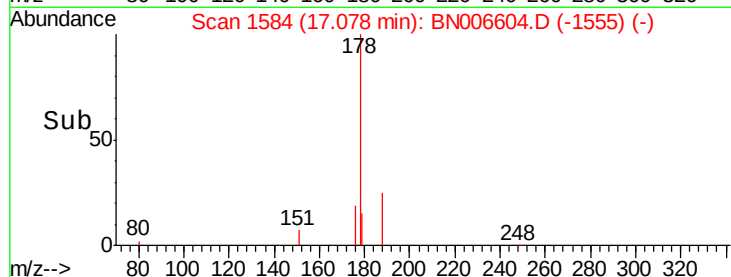
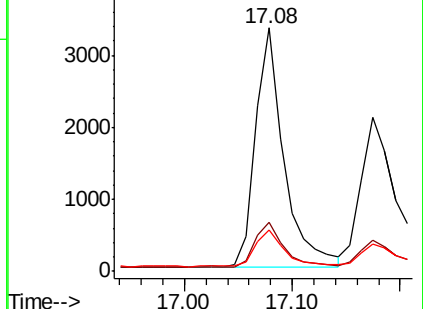
179 16.1 12.2 18.4



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: 0.082 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

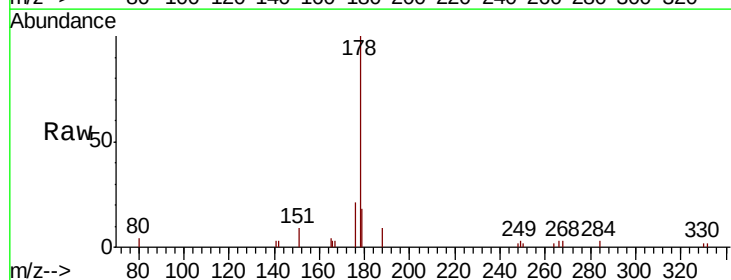
Tgt Ion:178 Resp: 4666

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

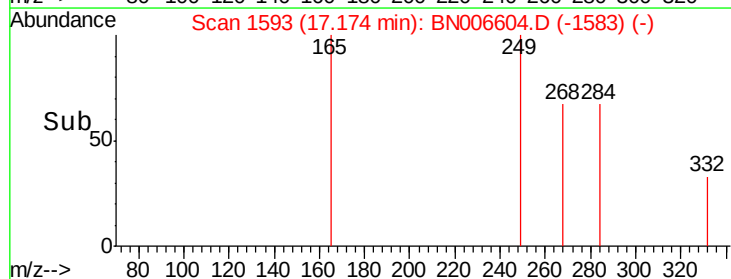
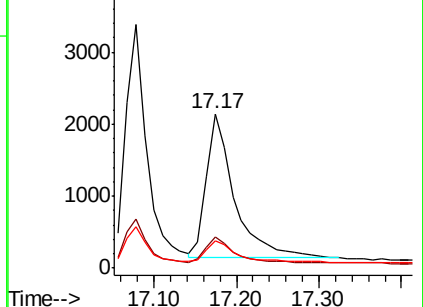
179 15.6 12.2 18.2

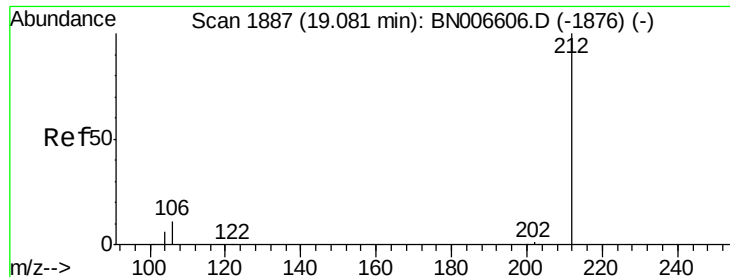


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.099 ng

RT: 19.08 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :

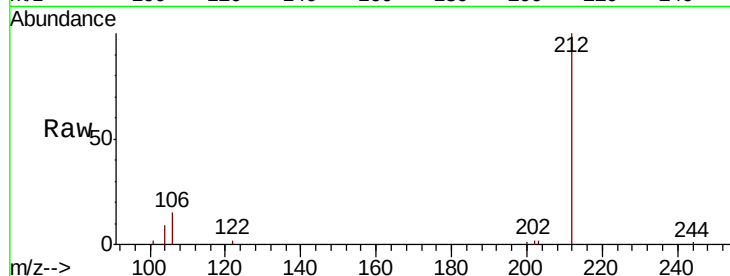
Tot Ion:212 Resp: 6430

Ion Ratio Lower Upper

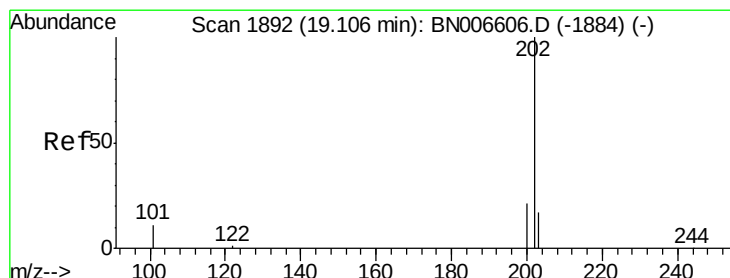
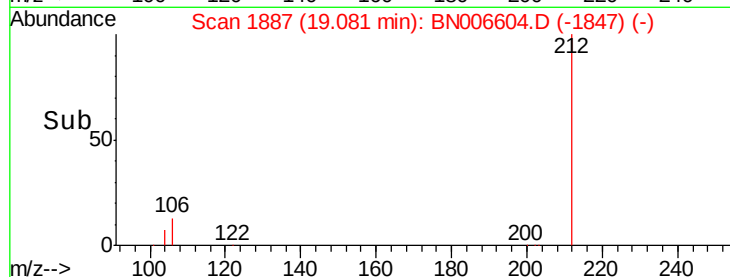
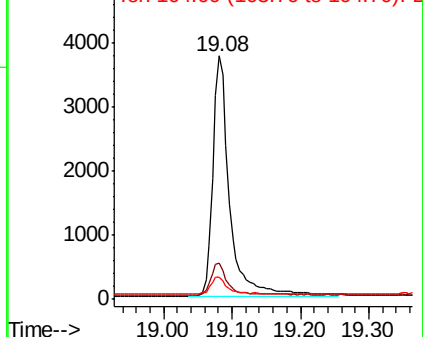
212 100

106 13.0 10.6 15.8

104 6.9 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: 0.094 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

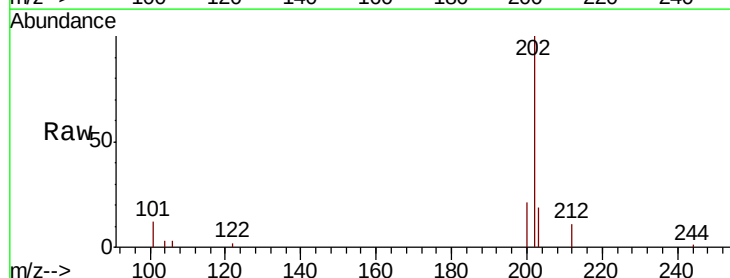
Tgt Ion:202 Resp: 7370

Ion Ratio Lower Upper

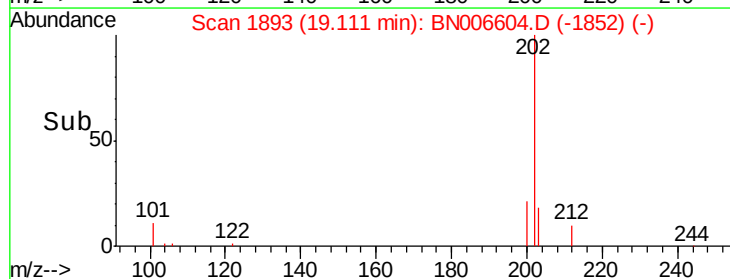
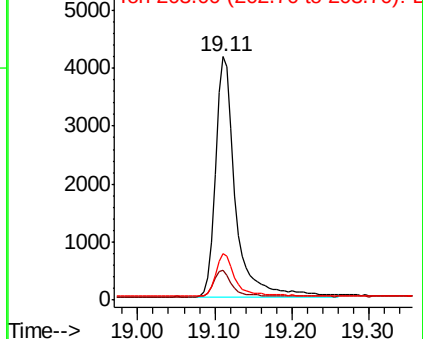
202 100

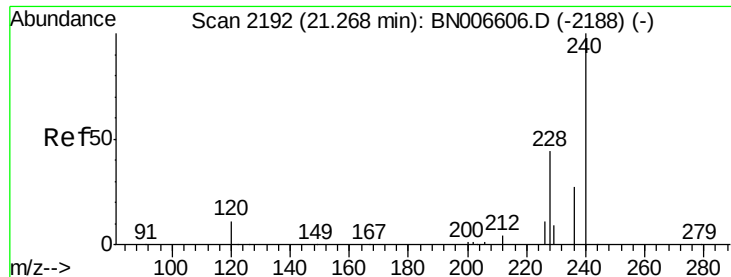
101 10.4 8.9 13.3

203 17.3 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: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :

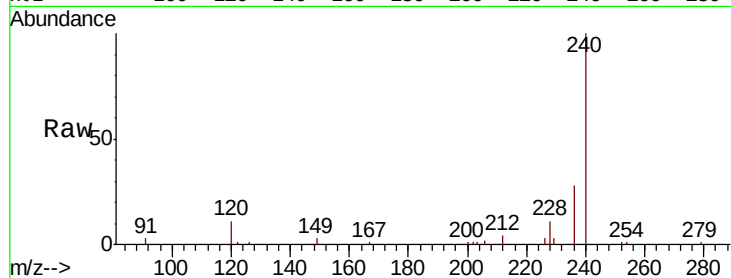
Tot Ion:240 Resp: 22365

Ion Ratio Lower Upper

240 100

120 10.7 9.9 14.9

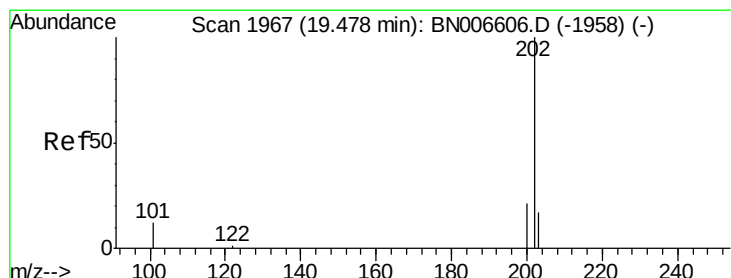
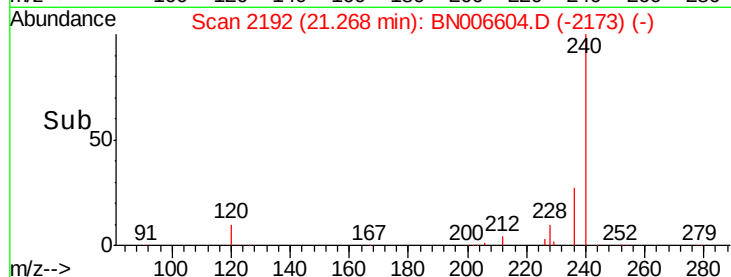
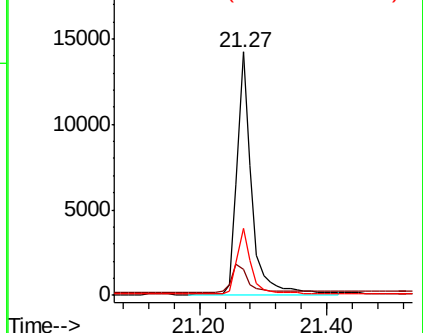
236 27.5 22.2 33.4



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: 0.123 ng

RT: 19.48 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

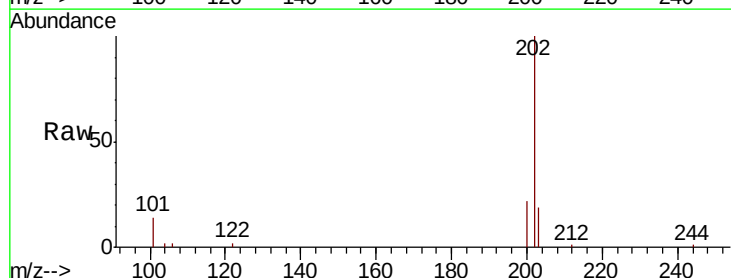
Tgt Ion:202 Resp: 7792

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

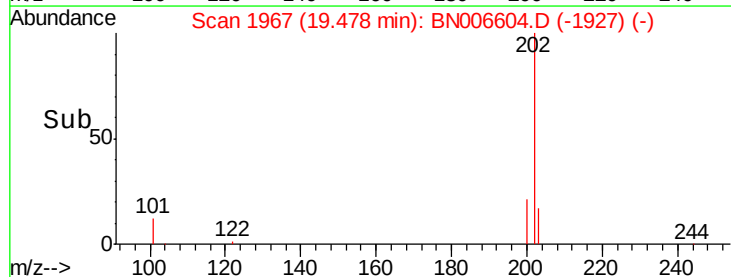
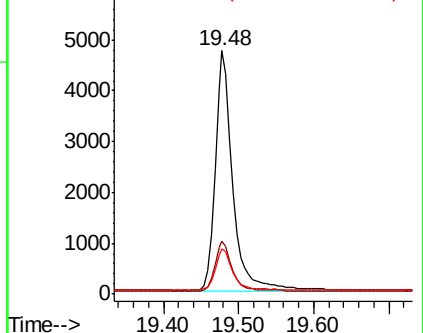
203 17.6 14.1 21.1

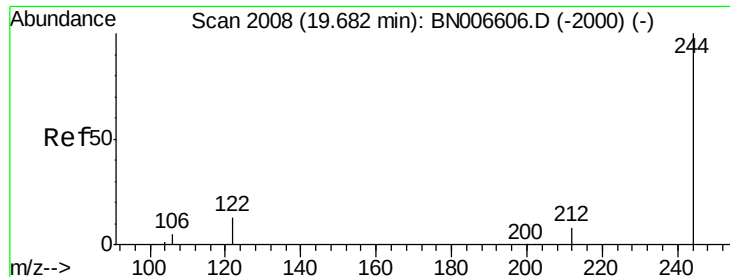


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.099 ng

RT: 19.69 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :

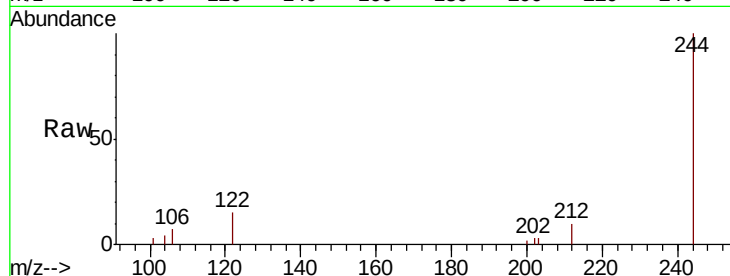
Tot Ion:244 Resp: 4546

Ion Ratio Lower Upper

244 100

212 9.7 6.7 10.1

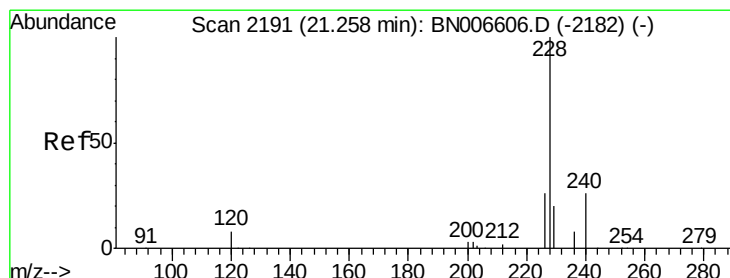
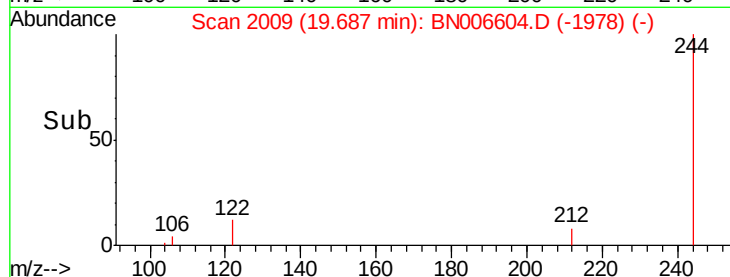
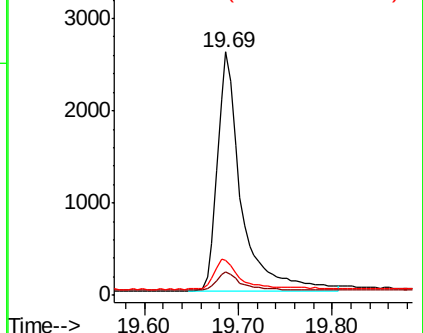
122 14.6 11.0 16.6



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: 0.107 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

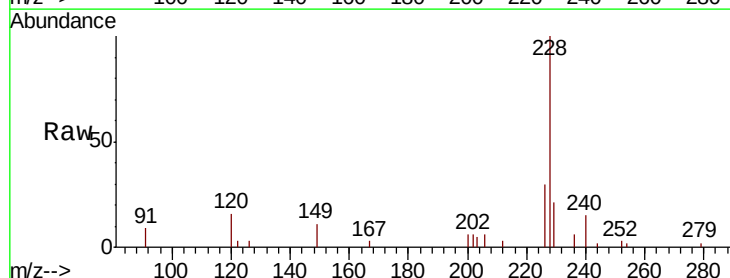
Tgt Ion:228 Resp: 6777

Ion Ratio Lower Upper

228 100

226 30.0 21.2 31.8

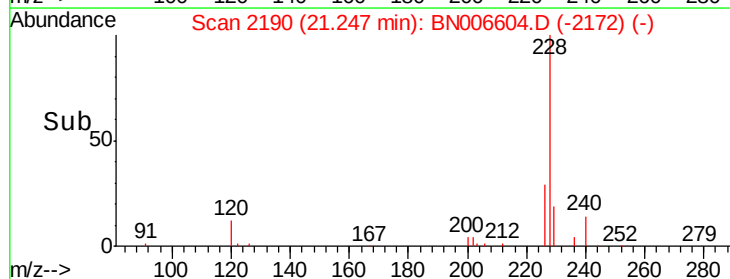
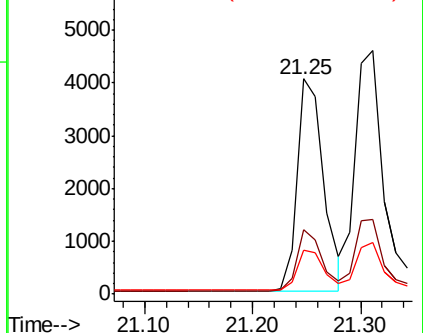
229 20.6 16.1 24.1

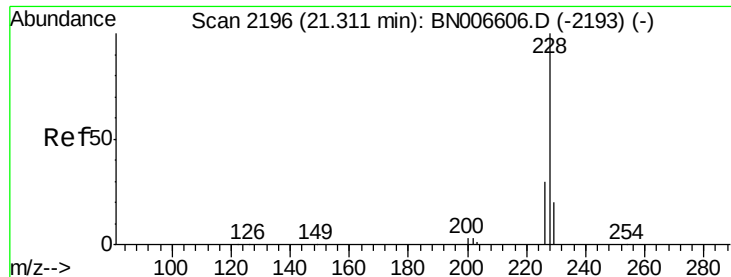


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.120 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampled :

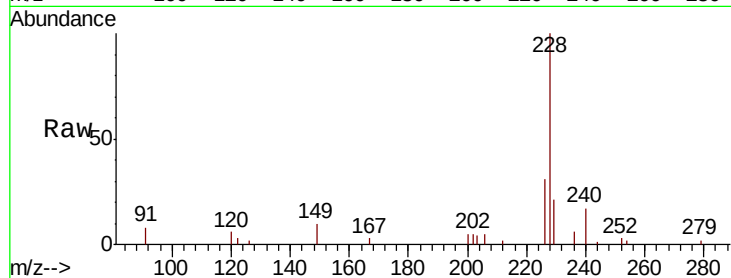
Tot Ion:228 Resp: 8155

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.6

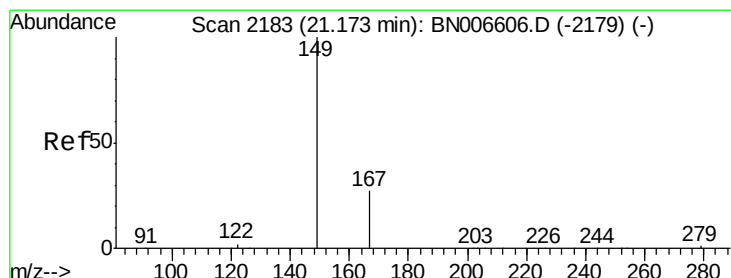
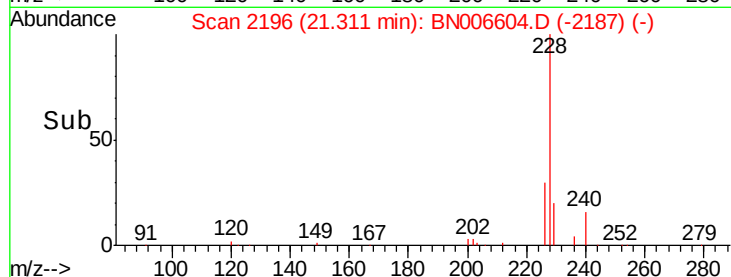
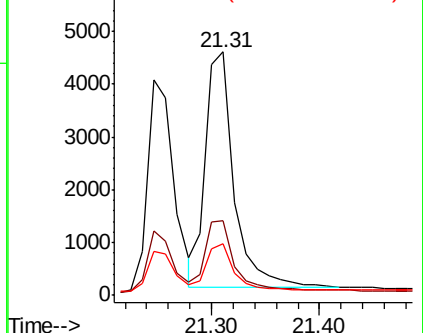
229 21.4 15.9 23.9



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: 0.127 ng

RT: 21.17 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

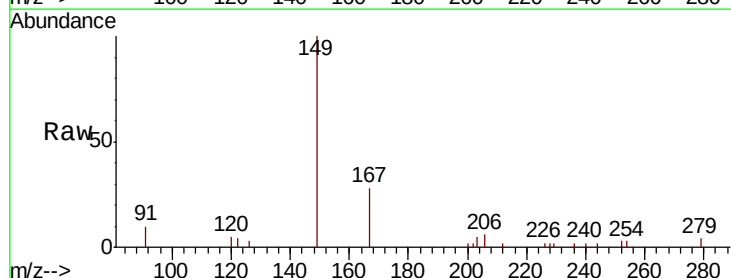
Tgt Ion:149 Resp: 3356

Ion Ratio Lower Upper

149 100

167 29.0 22.9 34.3

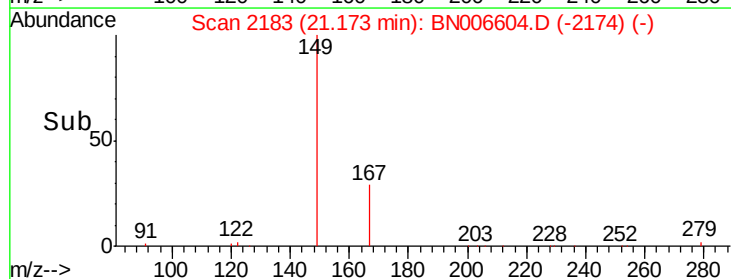
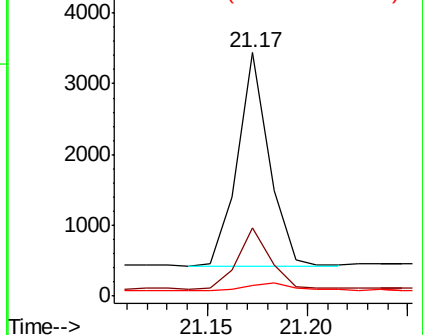
279 4.5 3.3 4.9

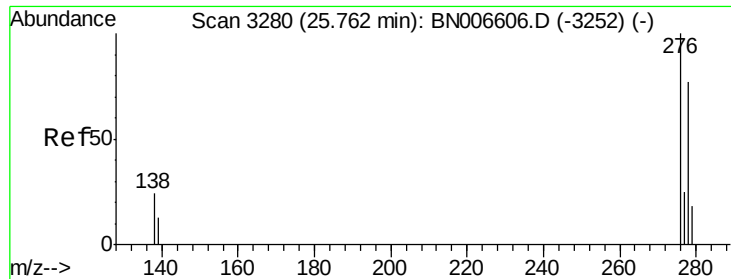


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

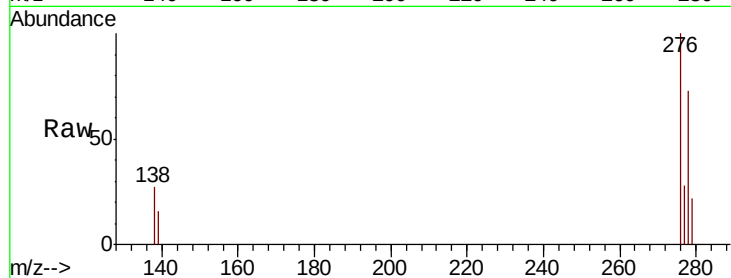




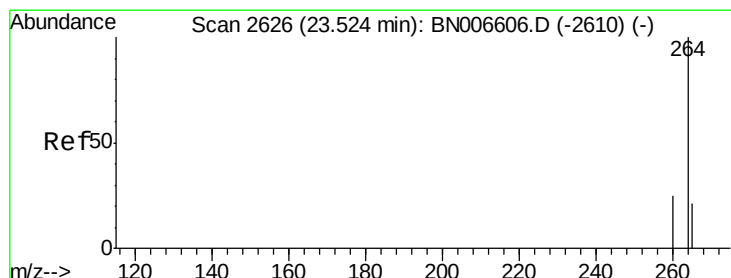
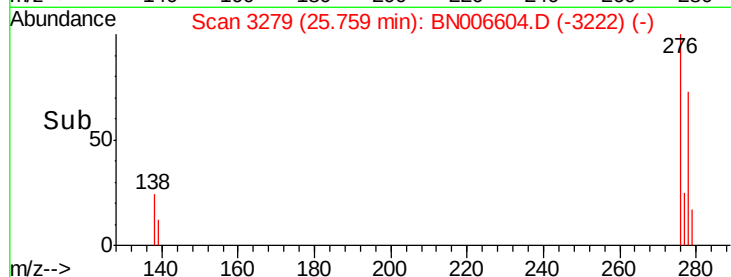
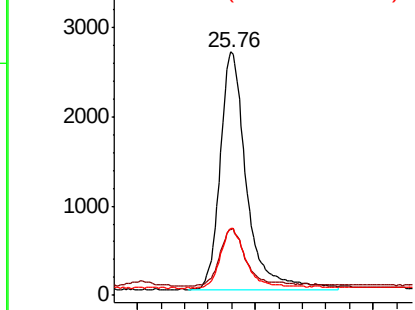
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.108 ng
 RT: 25.76 min Scan# 3279
 Delta R.T. -0.00 min
 Lab File: BN006604.D
 Acq: 28 Jun 2019 09:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 8237
 Ion Ratio Lower Upper
 276 100
 138 23.7 19.3 28.9
 277 24.7 19.9 29.9

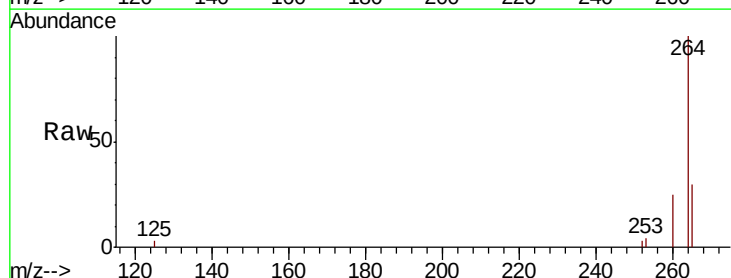


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

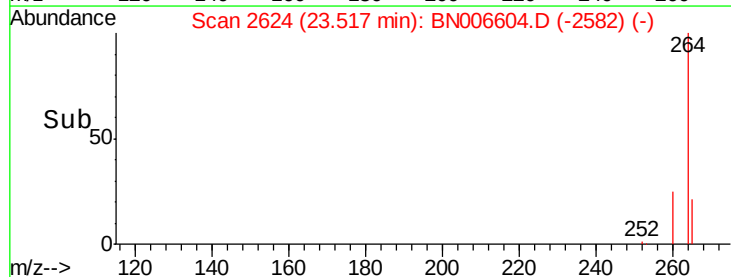
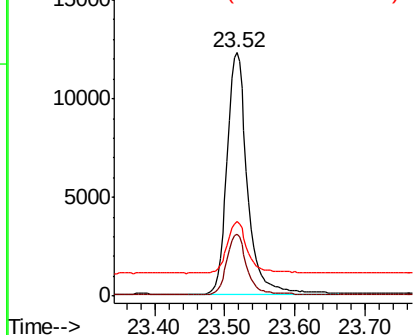


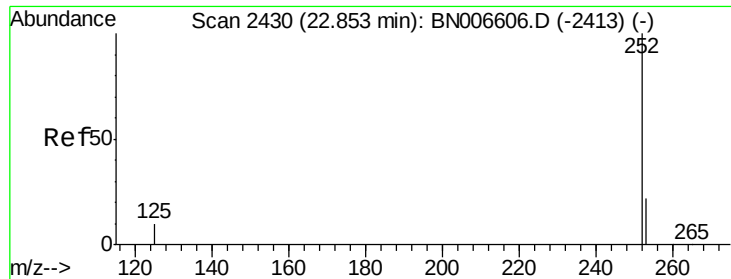
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.52 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BN006604.D
 Acq: 28 Jun 2019 09:06

Tgt Ion:264 Resp: 24858
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 30.4 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

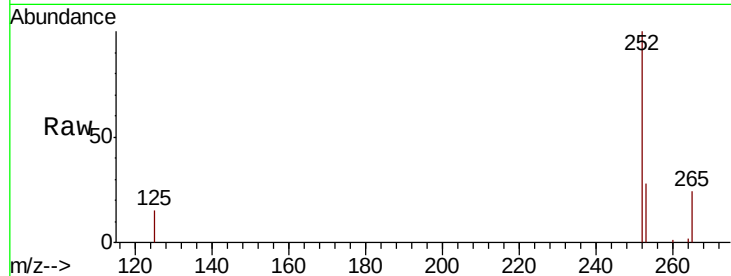




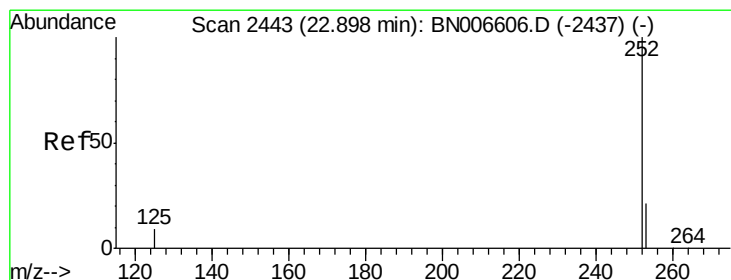
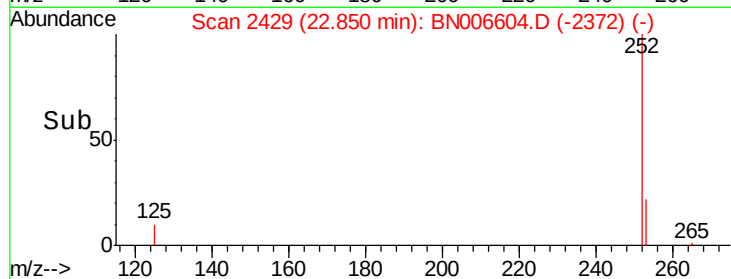
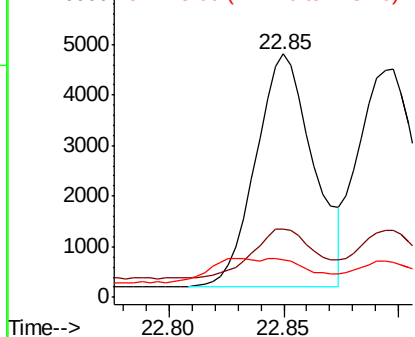
#35
Benzo(b)fluoranthene
Concen: 0.101 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 8033
Ion Ratio Lower Upper
252 100
253 28.3 18.4 27.6#
125 15.3 8.7 13.1#

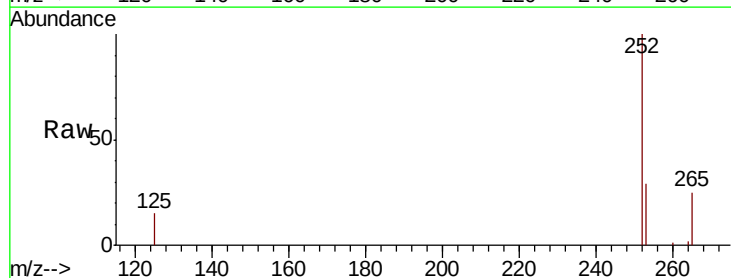


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

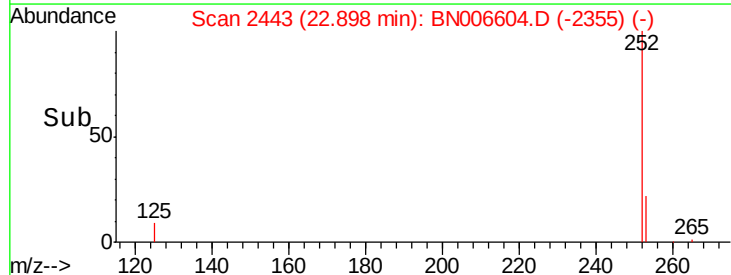
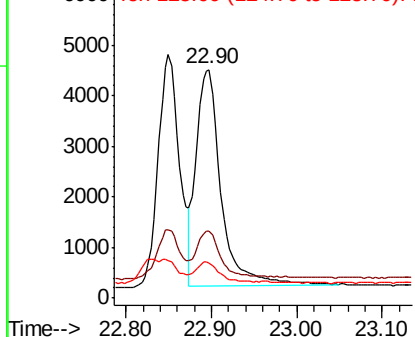


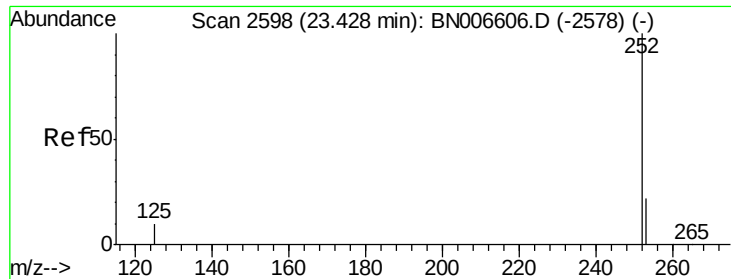
#36
Benzo(k)fluoranthene
Concen: 0.113 ng
RT: 22.90 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BN006604.D
Acq: 28 Jun 2019 09:06

Tgt Ion:252 Resp: 8695
Ion Ratio Lower Upper
252 100
253 29.2 18.3 27.5#
125 15.1 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: 0.104 ng

RT: 23.42 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :

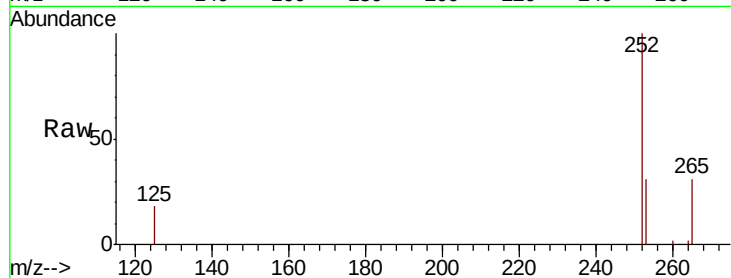
Tot Ion:252 Resp: 7370

Ion Ratio Lower Upper

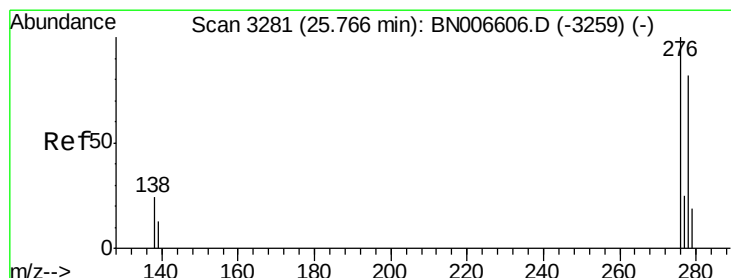
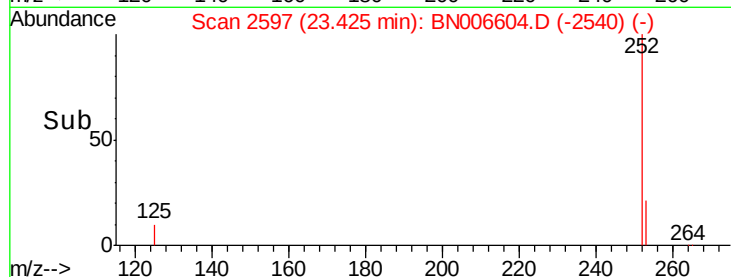
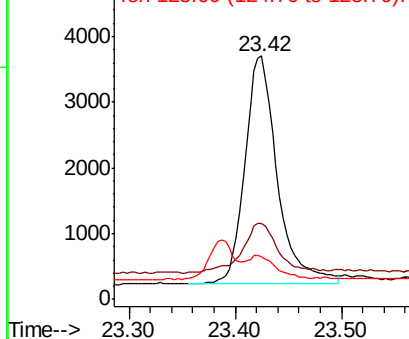
252 100

253 31.1 18.8 28.2#

125 17.5 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: 0.092 ng

RT: 25.76 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

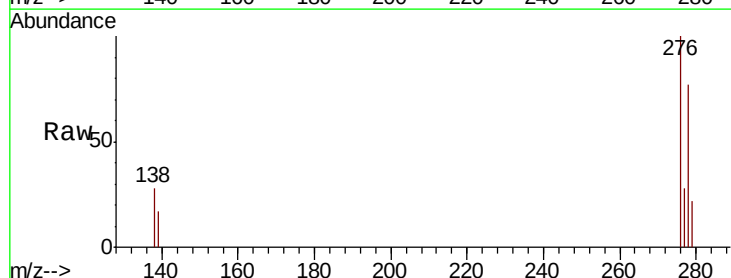
Tgt Ion:278 Resp: 6554

Ion Ratio Lower Upper

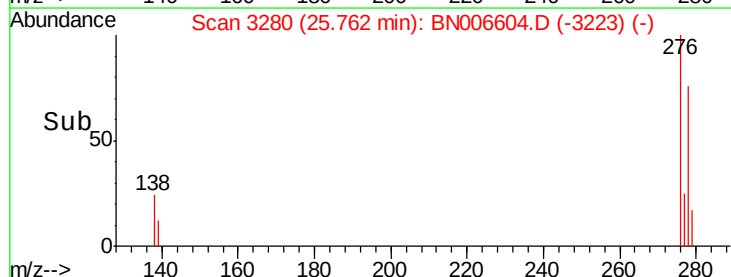
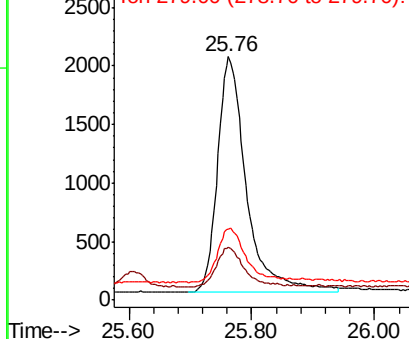
278 100

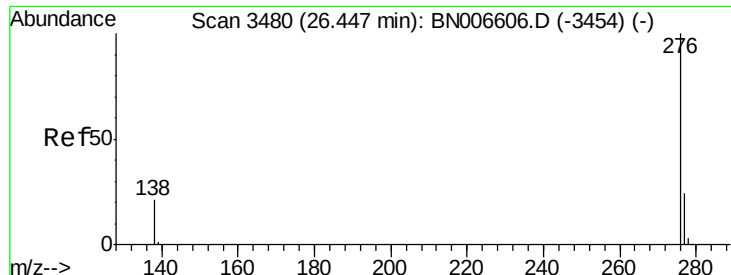
139 21.5 13.5 20.3#

279 29.1 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: 0.094 ng

RT: 26.44 min Scan# 3479

Delta R.T. -0.00 min

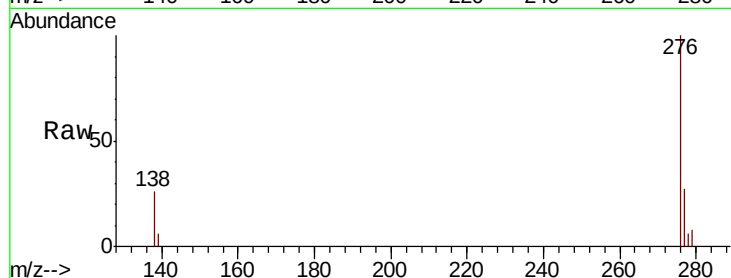
Lab File: BN006604.D

Acq: 28 Jun 2019 09:06

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 6743

Ion Ratio Lower Upper

276 100

277 26.7 19.6 29.4

138 25.7 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

