

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091219\
 Data File : BN007601.D
 Acq On : 12 Sep 2019 10:25
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Sep 12 13:21:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 12:56:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	7882	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	31006	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	16051	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	37249	0.40	ng	0.00
27) Chrysene-d12	21.28	240	35391	0.40	ng	0.00
34) Perylene-d12	23.51	264	36689	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	3207	0.13	ng	0.00
5) Phenol-d6	6.90	99	4940	0.13	ng	0.00
8) Nitrobenzene-d5	8.86	82	2360	0.12	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	5205	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	659	0.11	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	7217	0.11	ng	0.00
25) Fluoranthene-d10	19.12	212	11141	0.09	ng	0.00
29) Terphenyl-d14	19.73	244	9809	0.11	ng	0.00

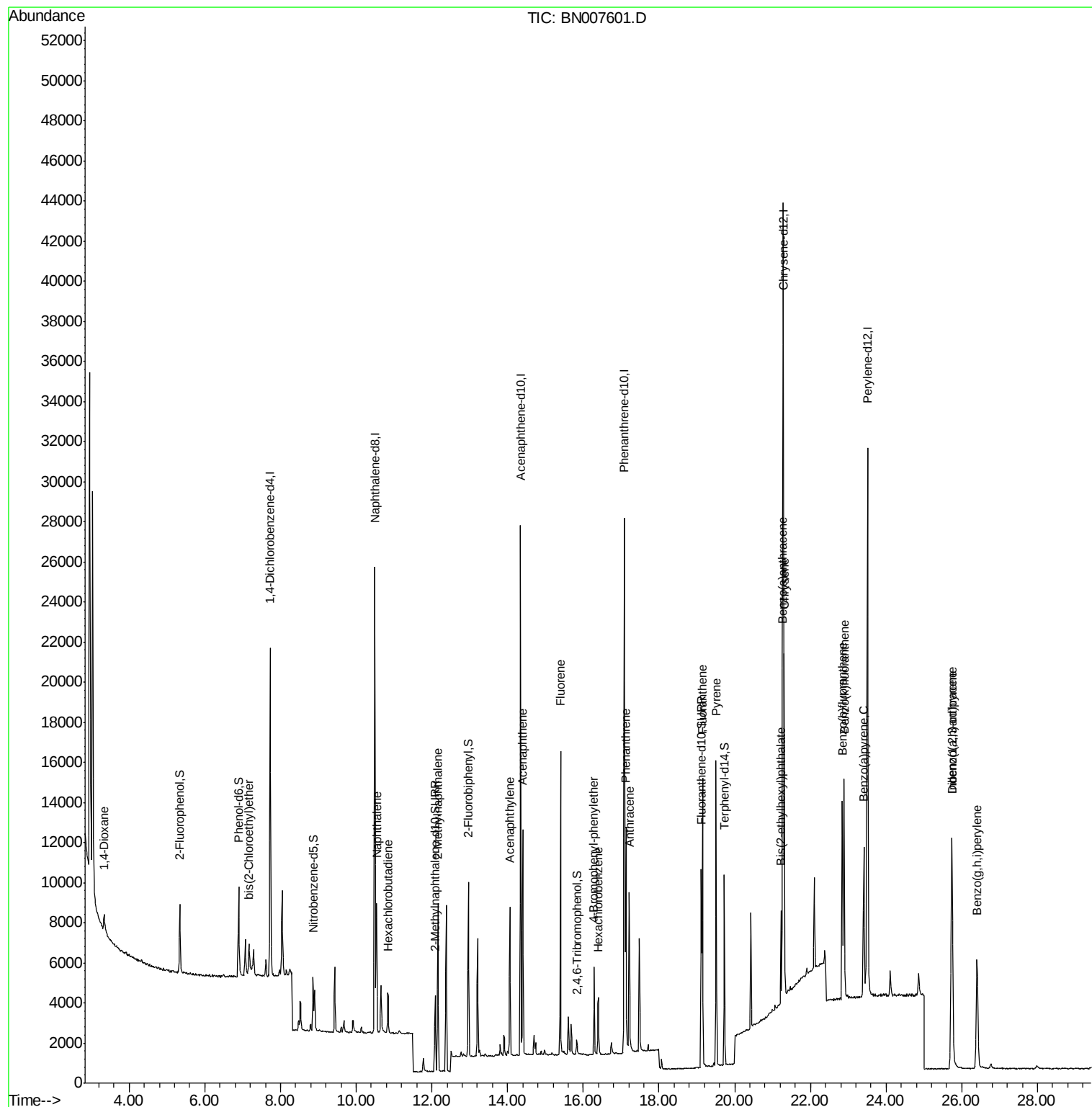
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	868	0.104	ng	93
6) bis(2-Chloroethyl)ether	7.17	93	2004	0.129	ng	98
9) Naphthalene	10.54	128	8845	0.101	ng	97
10) Hexachlorobutadiene	10.85	225	1808	0.103	ng	# 100
12) 2-Methylnaphthalene	12.16	142	5875	0.096	ng	98
16) Acenaphthylene	14.06	152	7965	0.092	ng	100
17) Acenaphthene	14.40	154	5371	0.099	ng	98
18) Fluorene	15.39	166	6648	0.093	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	2185	0.099	ng	94
21) Hexachlorobenzene	16.40	284	2448	0.106	ng	98
23) Phenanthrene	17.12	178	11335	0.099	ng	99
24) Anthracene	17.22	178	9590	0.090	ng	99
26) Fluoranthene	19.15	202	12830	0.092	ng	100
28) Pyrene	19.51	202	13222	0.104	ng	100
30) Benzo(a)anthracene	21.26	228	12165	0.096	ng	98
31) Chrysene	21.31	228	13233	0.103	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	4703	0.109	ng	99
33) Indeno(1,2,3-cd)pyrene	25.73	276	14301	0.105	ng	99
35) Benzo(b)fluoranthene	22.84	252	12367	0.095	ng	# 88
36) Benzo(k)fluoranthene	22.89	252	13276	0.103	ng	# 83
37) Benzo(a)pyrene	23.41	252	11051	0.095	ng	# 84
38) Dibenzo(a,h)anthracene	25.75	278	11828	0.102	ng	# 91
39) Benzo(g,h,i)perylene	26.40	276	11750	0.100	ng	94

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

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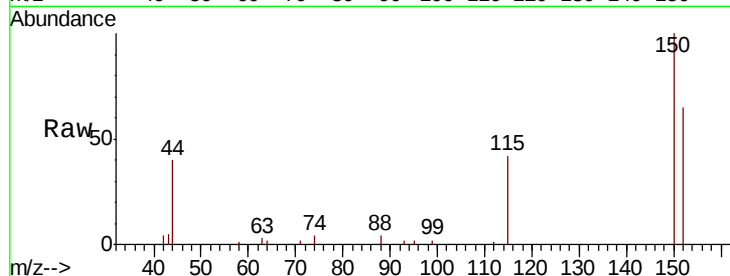


#1

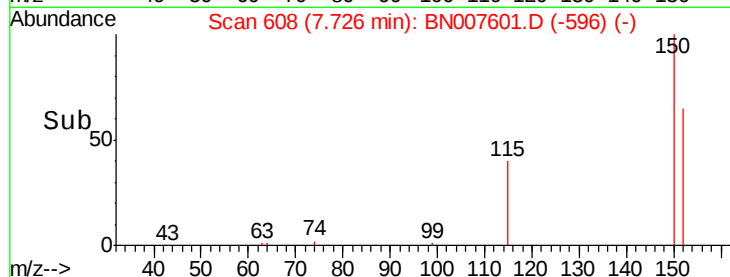
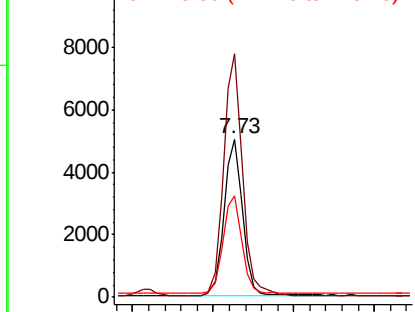
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 7882
Ion Ratio Lower Upper
152 100
150 153.8 122.4 183.6
115 63.8 50.4 75.6



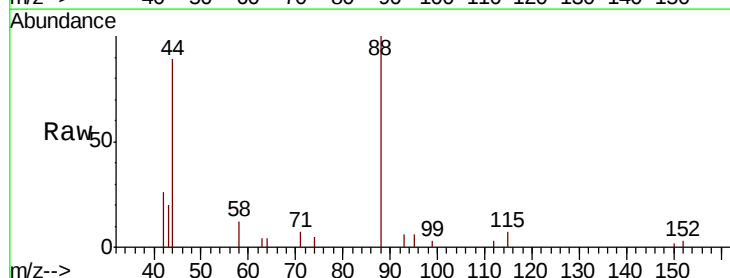
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



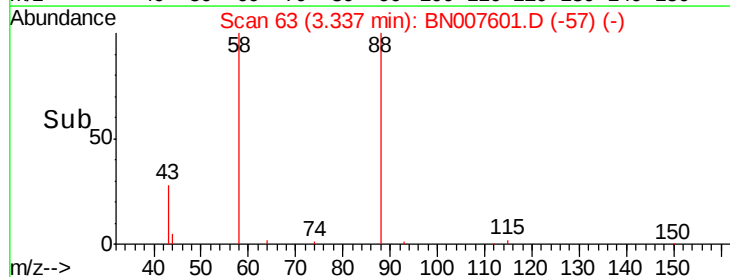
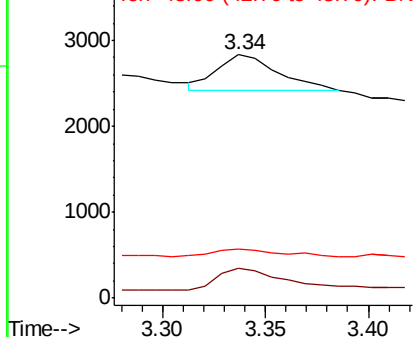
#2

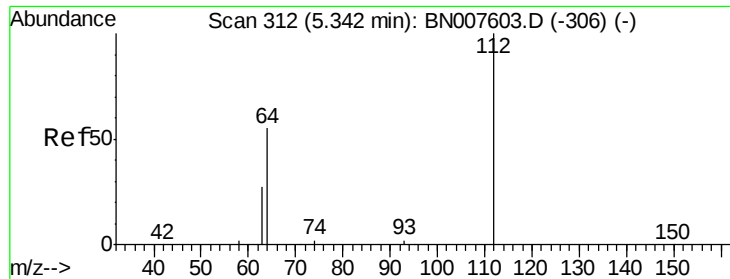
1,4-Dioxane
Concen: 0.104 ng
RT: 3.34 min Scan# 63
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion: 88 Resp: 868
Ion Ratio Lower Upper
88 100
58 65.4 57.0 85.4
43 21.5 20.0 30.0



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





#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

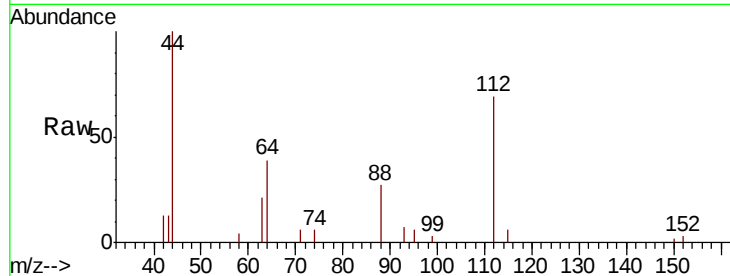
Tot Ion:112 Resp: 3207

Ion Ratio Lower Upper

112 100

64 60.1 48.5 72.7

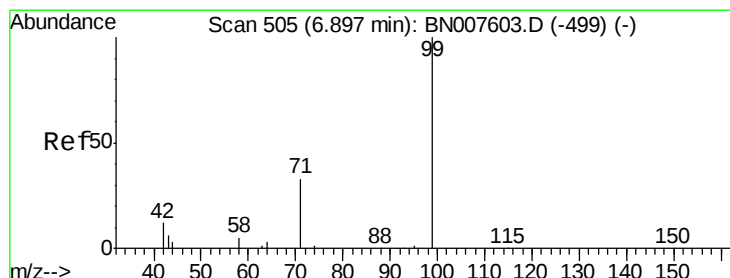
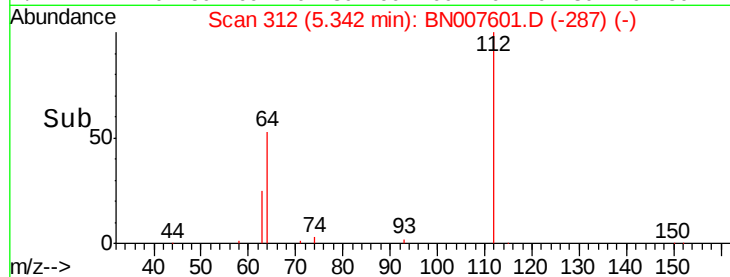
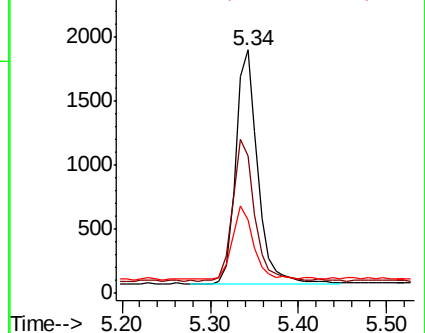
63 29.3 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.134 ng

RT: 6.90 min Scan# 505

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

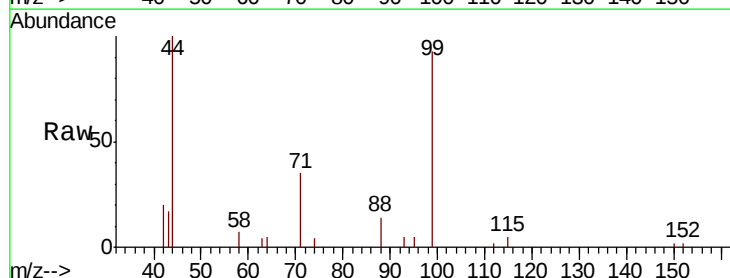
Tgt Ion: 99 Resp: 4940

Ion Ratio Lower Upper

99 100

42 15.6 11.8 17.6

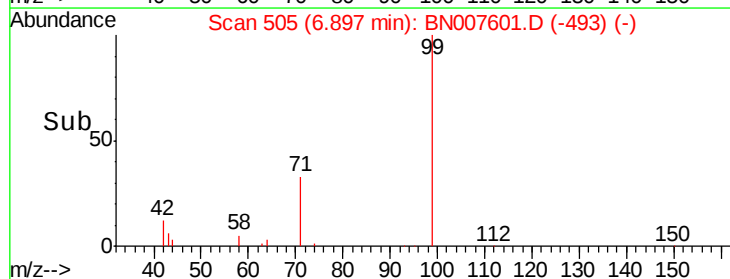
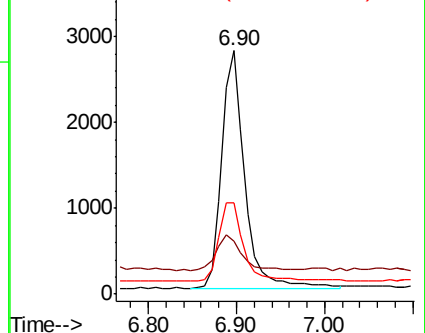
71 35.9 28.0 42.0

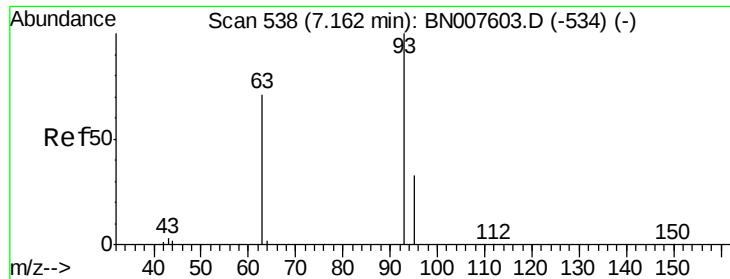


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.129 ng

RT: 7.17 min Scan# 539

Delta R.T. 0.01 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

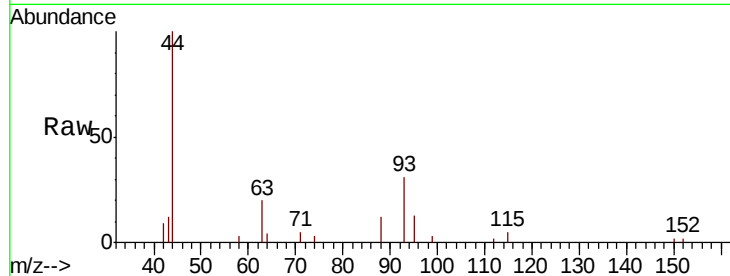
Tot Ion: 93 Resp: 2004

Ion Ratio Lower Upper

93 100

63 74.6 61.2 91.8

95 34.7 27.2 40.8

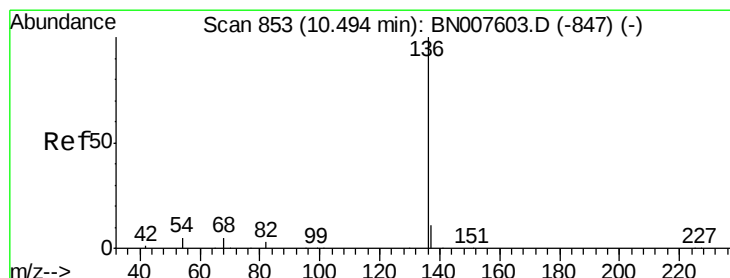
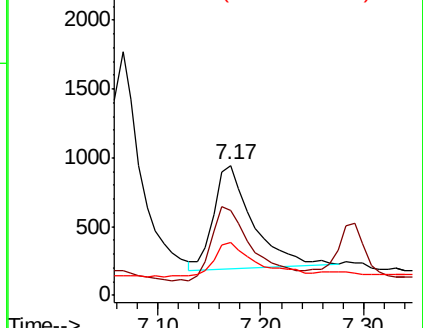
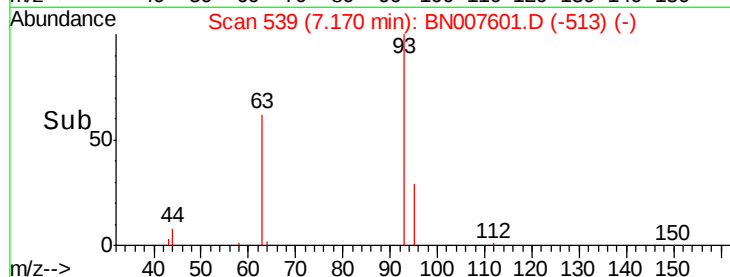


Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

Ion 63.00 (62.70 to 63.70): BN007603.D (-534) (-)

Ion 95.00 (94.70 to 95.70): BN007603.D (-534) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Tgt Ion: 136 Resp: 31006

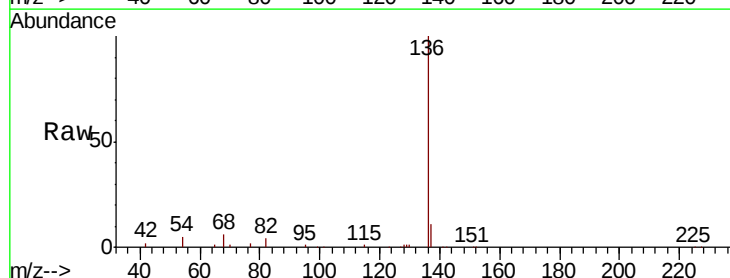
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.3 4.2 6.4

68 5.9 4.6 7.0



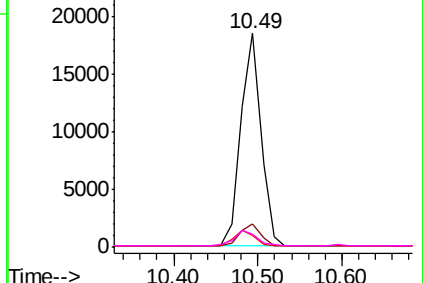
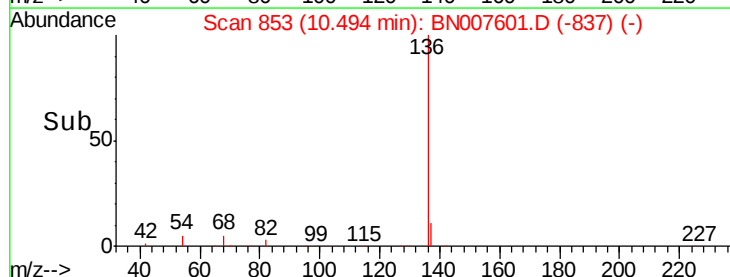
Abundance Ion 136.00 (135.70 to 136.70): BN007603.D (-847) (-)

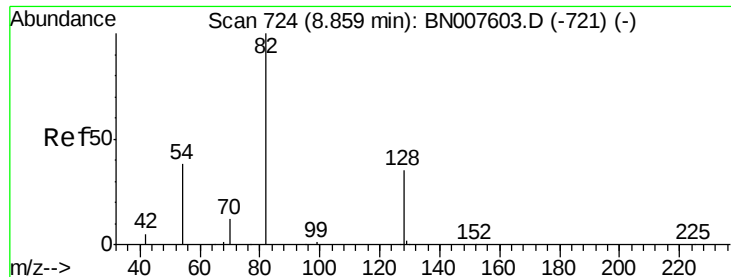
Ion 137.00 (136.70 to 137.70): BN007603.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007603.D (-847) (-)

Ion 68.00 (67.70 to 68.70): BN007603.D (-847) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.125 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

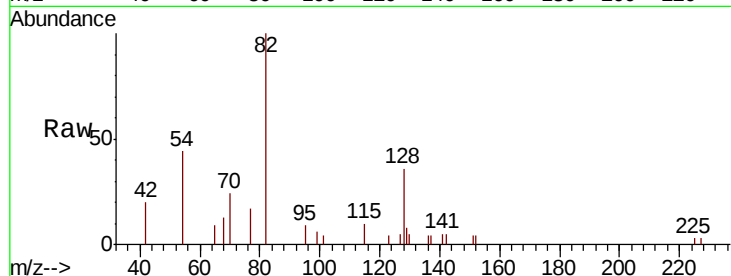
Tot Ion: 82 Resp: 2360

Ion Ratio Lower Upper

82 100

128 36.3 27.9 41.9

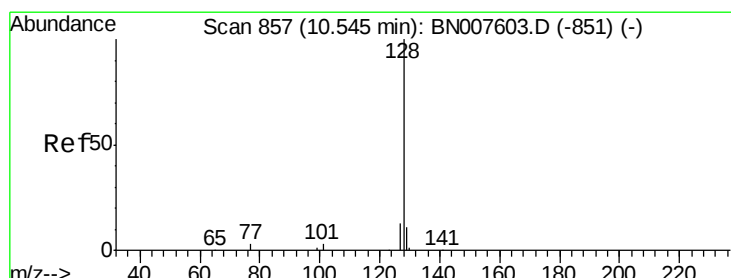
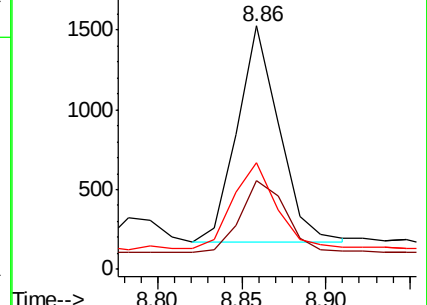
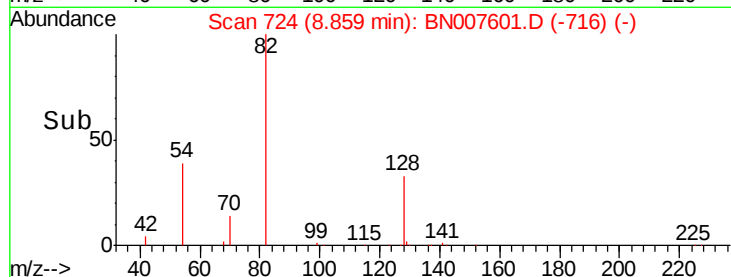
54 43.5 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BN007601.D (-849) (-)

Ion 128.00 (127.70 to 128.70): BN007601.D (-849) (-)

Ion 54.00 (53.70 to 54.70): BN007601.D (-849) (-)



#9

Naphthalene

Concen: 0.101 ng

RT: 10.54 min Scan# 857

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

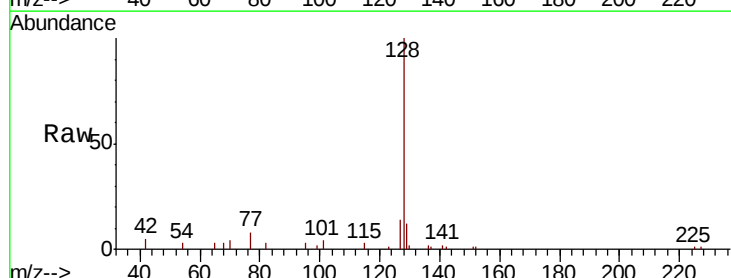
Tgt Ion: 128 Resp: 8845

Ion Ratio Lower Upper

128 100

129 12.5 9.0 13.4

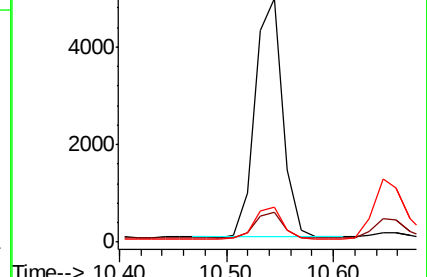
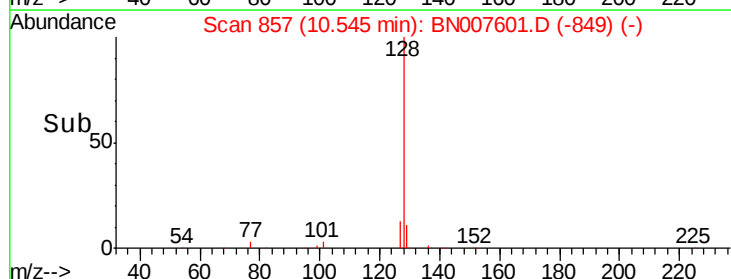
127 14.1 10.4 15.6

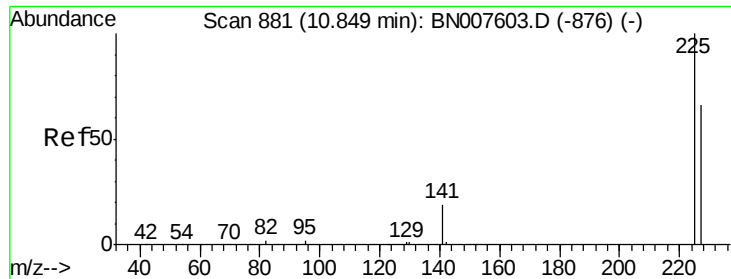


Abundance Ion 128.00 (127.70 to 128.70): BN007601.D (-849) (-)

Ion 129.00 (128.70 to 129.70): BN007601.D (-849) (-)

Ion 127.00 (126.70 to 127.70): BN007601.D (-849) (-)

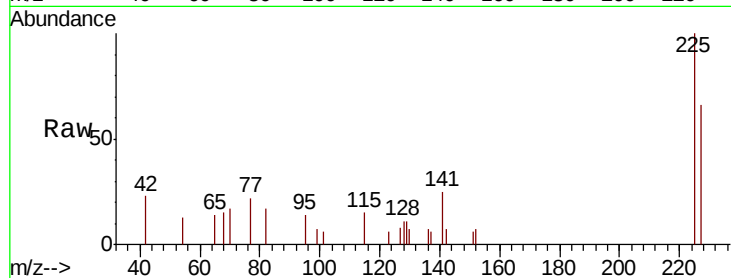




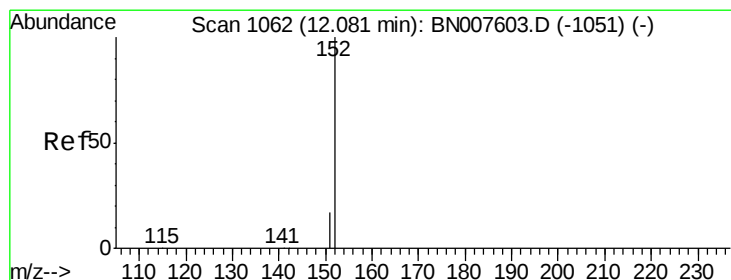
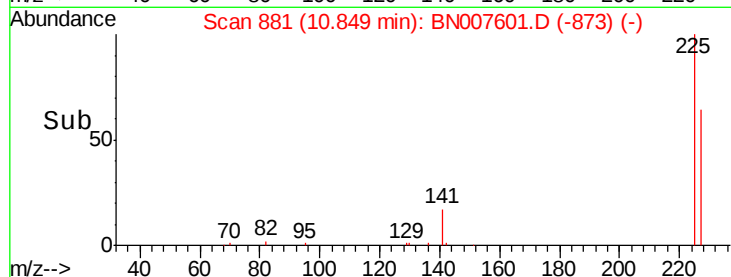
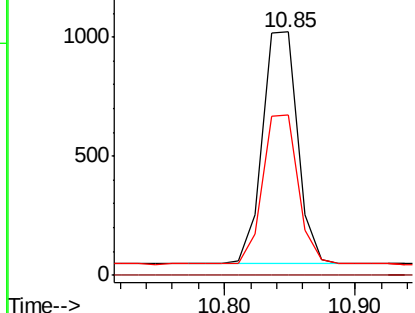
#10
Hexachlorobutadiene
Concen: 0.103 ng
RT: 10.85 min Scan# 881
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:225 Resp: 1808
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 51.3 76.9

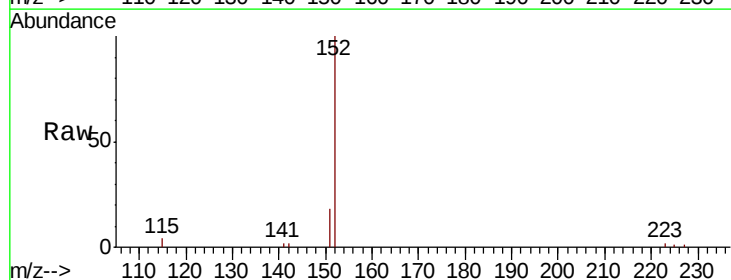


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

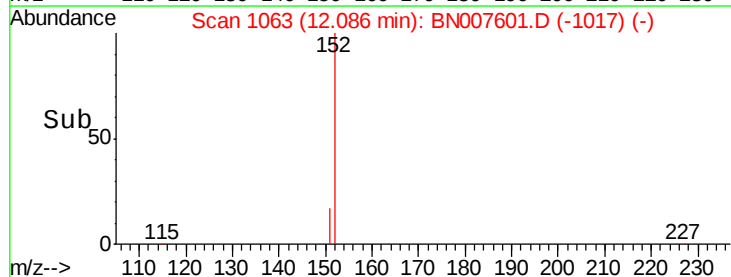
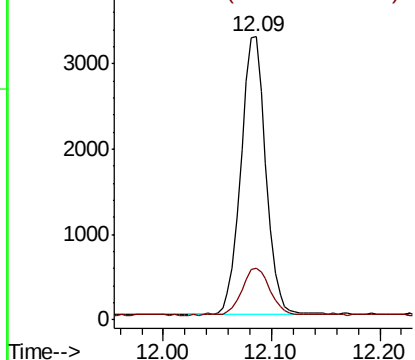


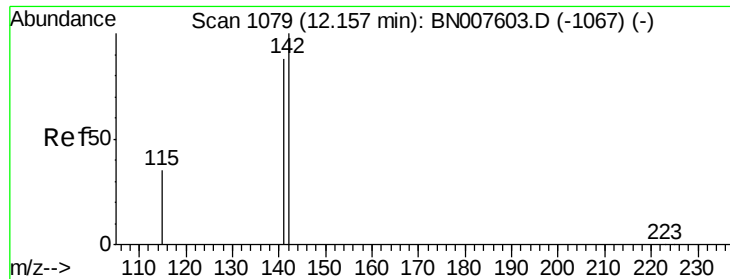
#11
2-Methylnaphthalene-d10
Concen: 0.097 ng
RT: 12.09 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:152 Resp: 5205
Ion Ratio Lower Upper
152 100
151 18.8 15.3 22.9



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

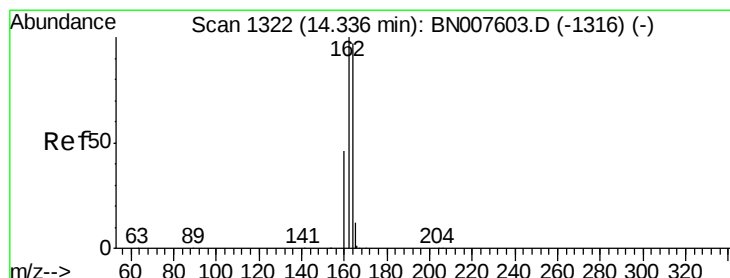
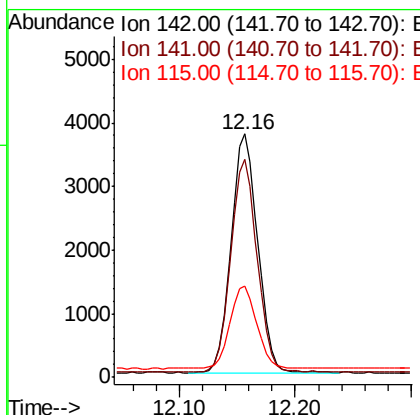
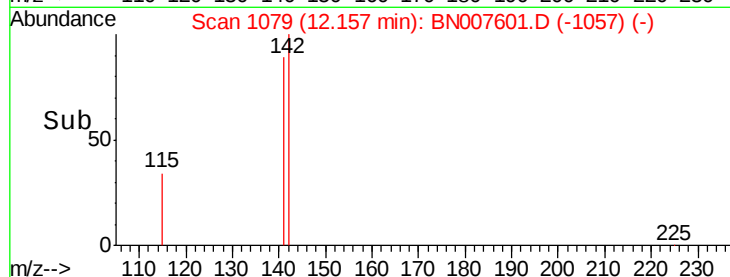
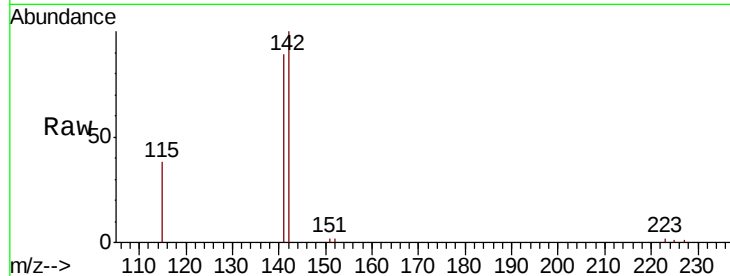




#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 12.16 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

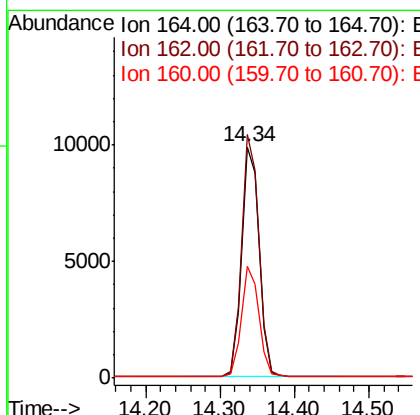
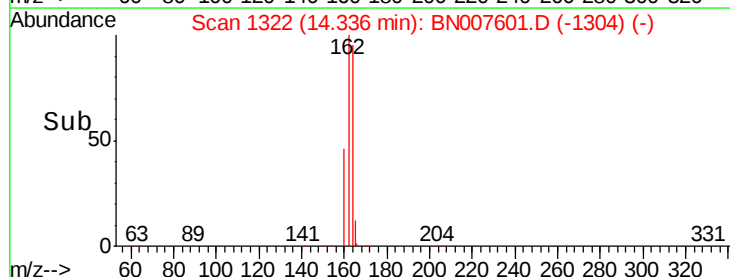
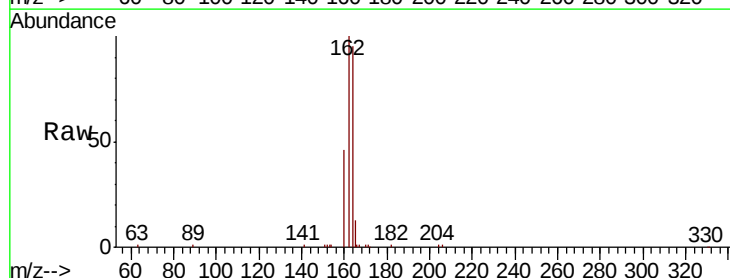
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

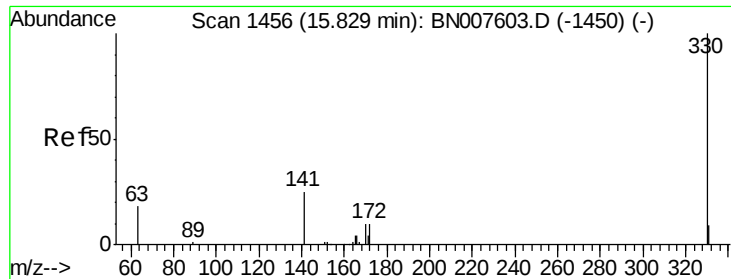
Tot Ion:142 Resp: 5875
Ion Ratio Lower Upper
142 100
141 89.3 70.5 105.7
115 37.6 28.4 42.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:164 Resp: 16051
Ion Ratio Lower Upper
164 100
162 105.2 82.8 124.2
160 48.5 38.0 57.0

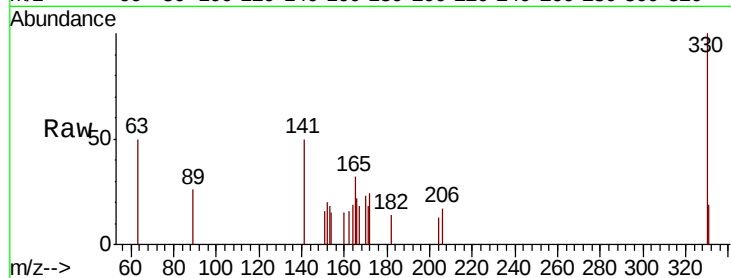




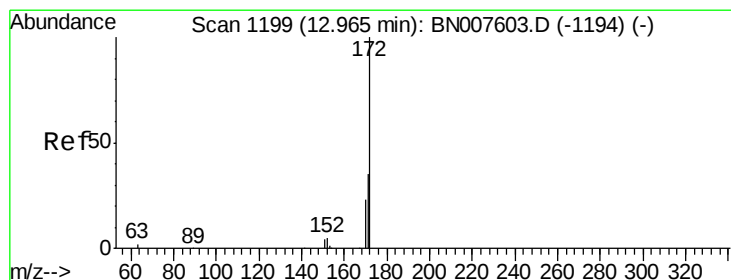
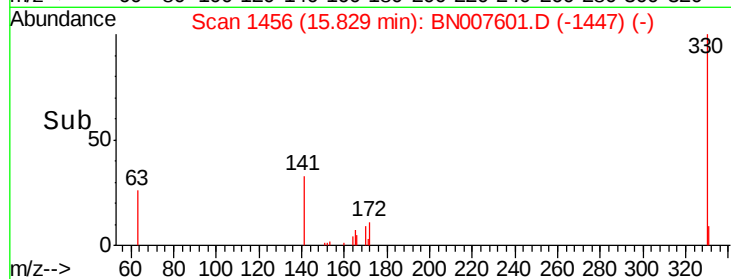
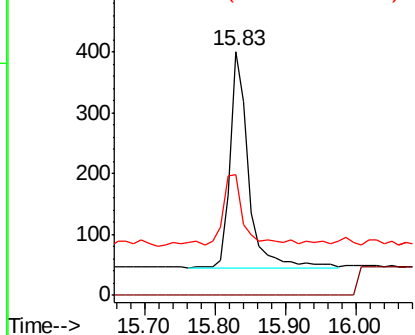
#14
2,4,6-Tribromophenol
Concen: 0.108 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:330 Resp: 659
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.7 30.1 45.1

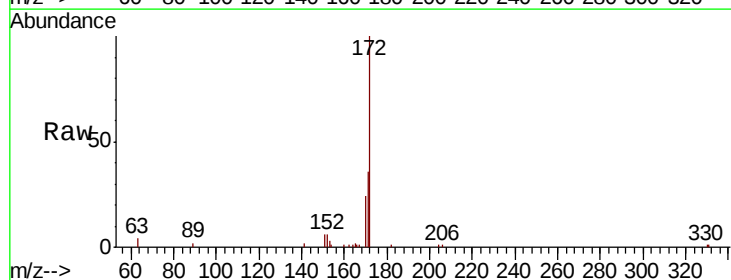


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

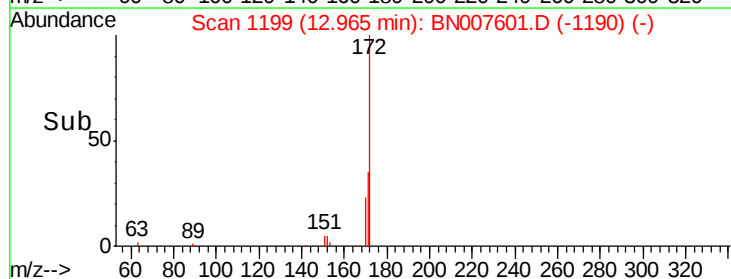
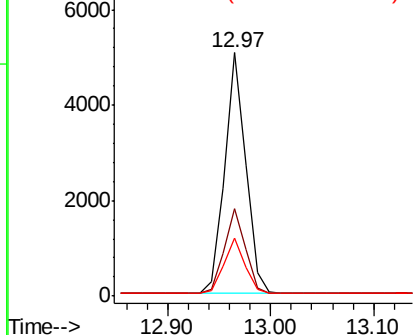


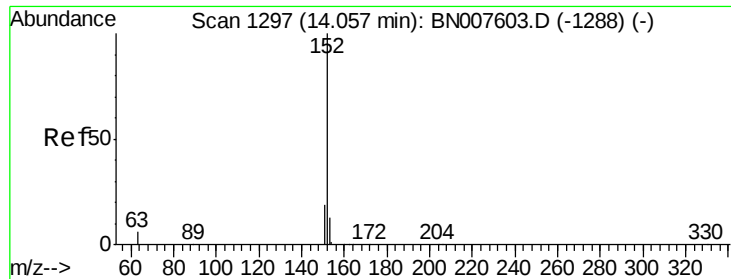
#15
2-Fluorobiphenyl
Concen: 0.109 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:172 Resp: 7217
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.0 18.5 27.7



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: 0.092 ng

RT: 14.06 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

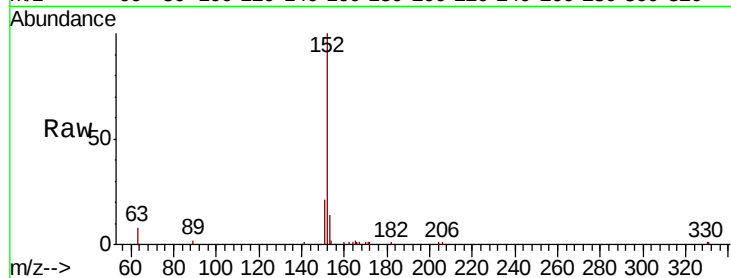
Tot Ion:152 Resp: 7965

Ion Ratio Lower Upper

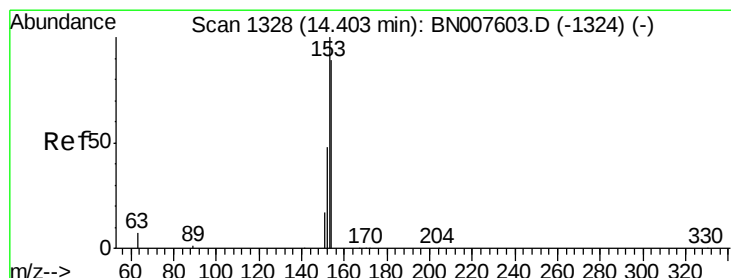
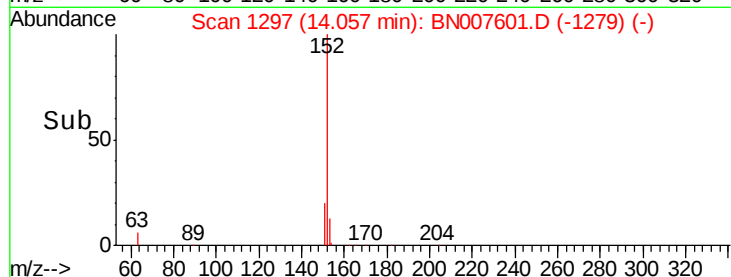
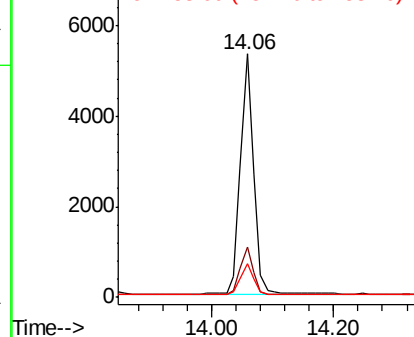
152 100

151 19.5 15.7 23.5

153 13.2 10.4 15.6



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: 0.099 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

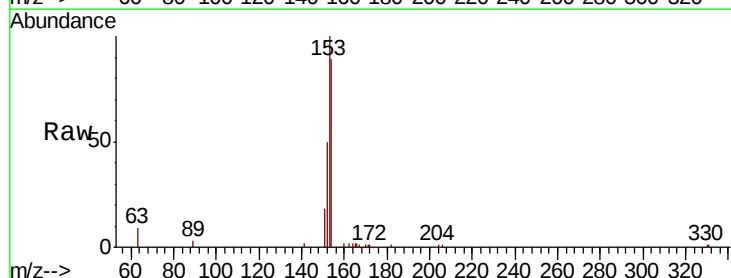
Tgt Ion:154 Resp: 5371

Ion Ratio Lower Upper

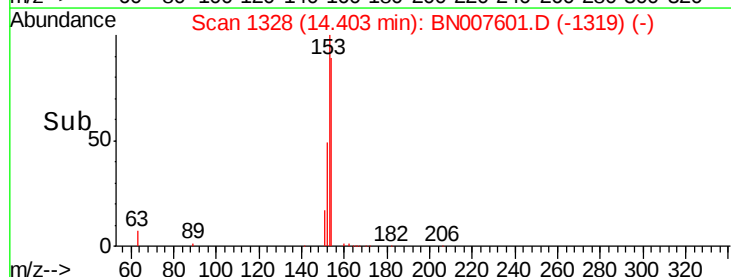
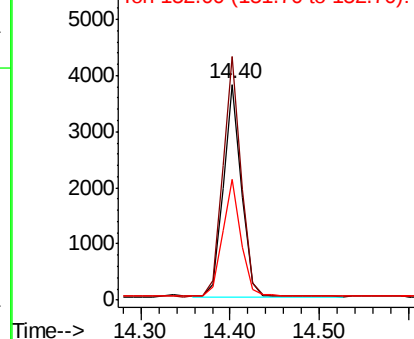
154 100

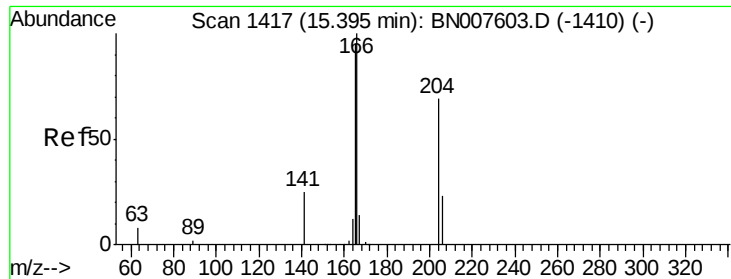
153 114.1 89.8 134.8

152 55.8 43.8 65.8



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: 0.093 ng

RT: 15.39 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

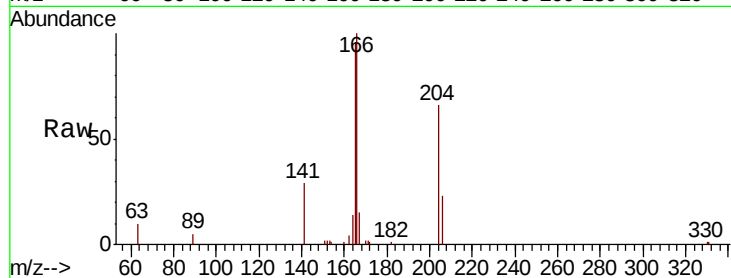
Tot Ion:166 Resp: 6648

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.6

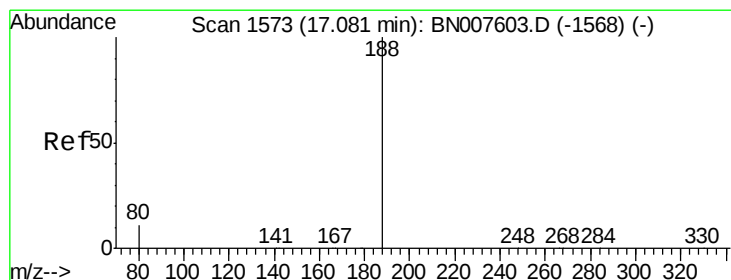
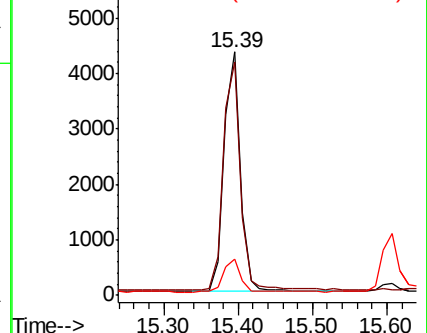
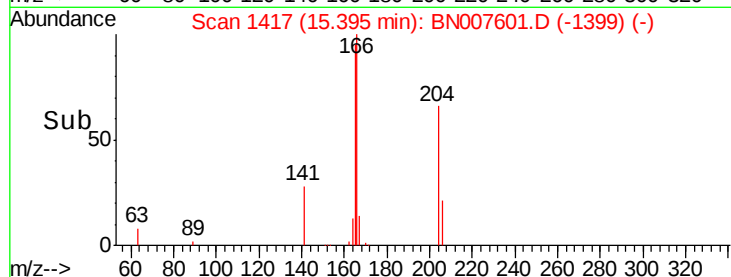
167 14.0 10.8 16.2



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: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

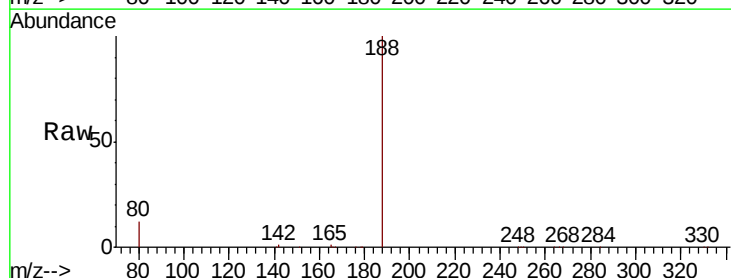
Tgt Ion:188 Resp: 37249

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

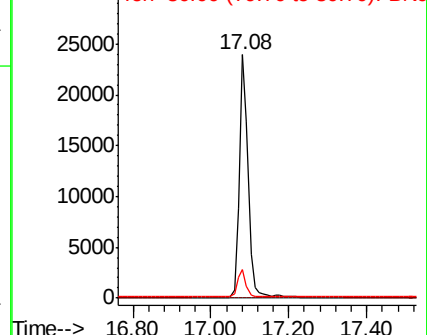
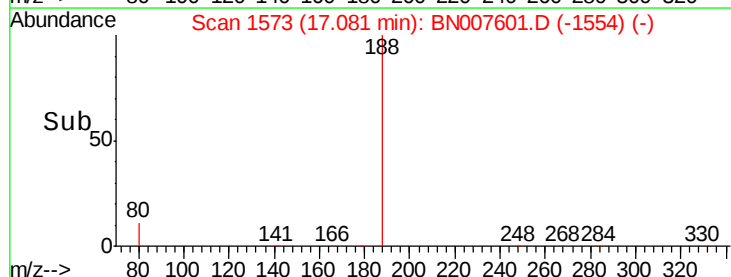
80 11.9 8.8 13.2

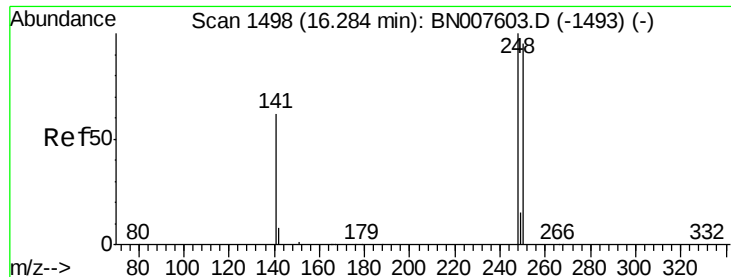


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

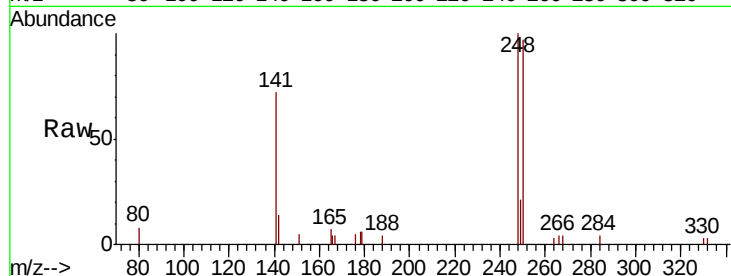




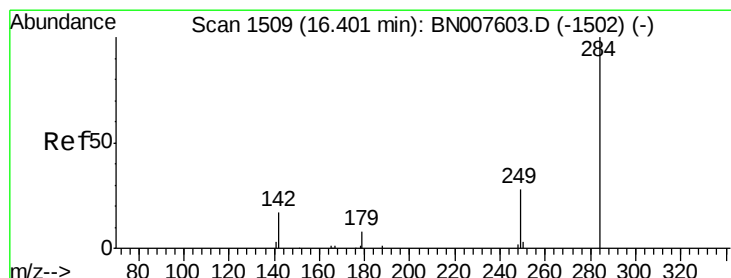
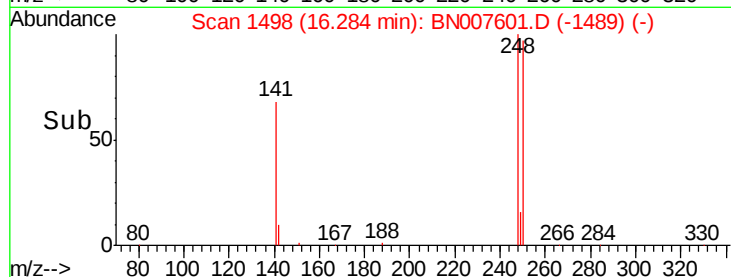
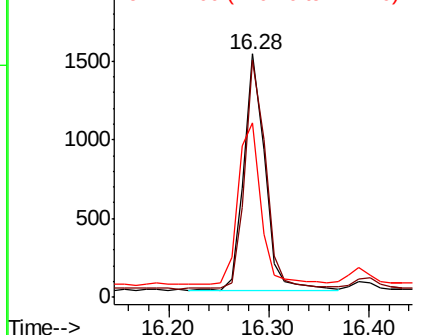
#20
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:248 Resp: 2185
Ion Ratio Lower Upper
248 100
250 97.2 76.3 114.5
141 71.9 49.7 74.5

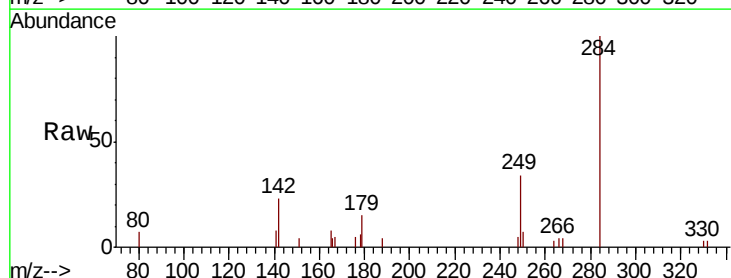


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

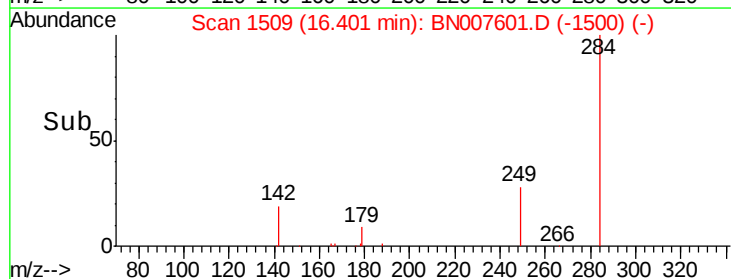
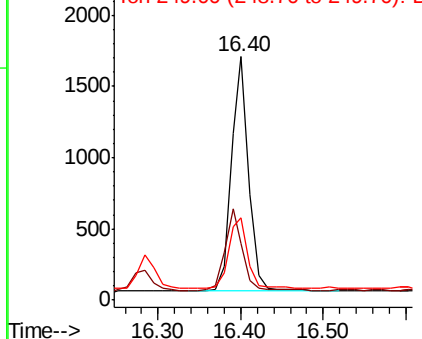


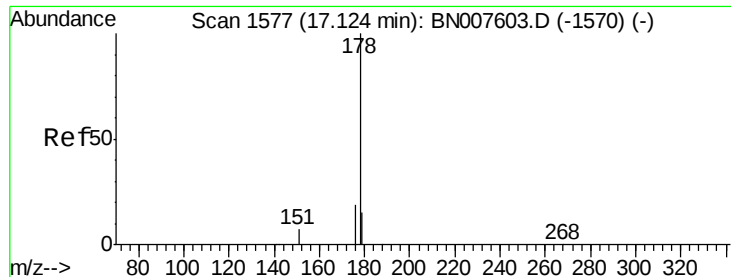
#21
Hexachlorobenzene
Concen: 0.106 ng
RT: 16.40 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:284 Resp: 2448
Ion Ratio Lower Upper
284 100
142 33.3 27.8 41.6
249 32.9 25.5 38.3



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





#23

Phenanthrene

Concen: 0.099 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

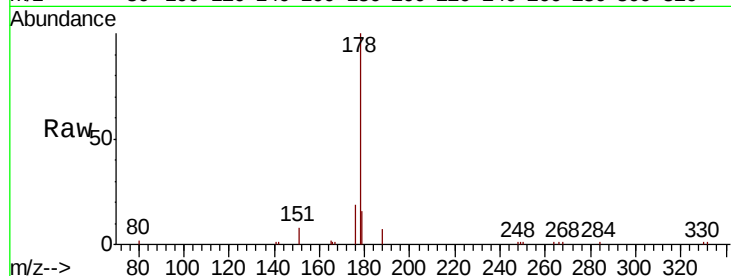
Tot Ion:178 Resp: 11335

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

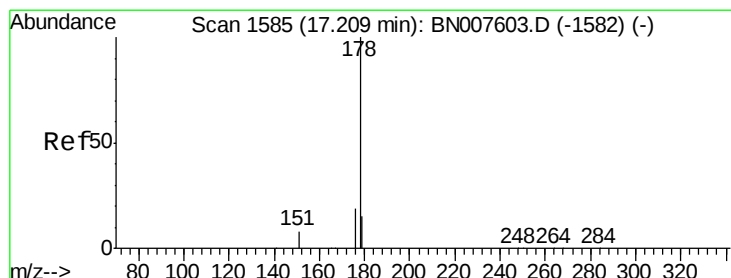
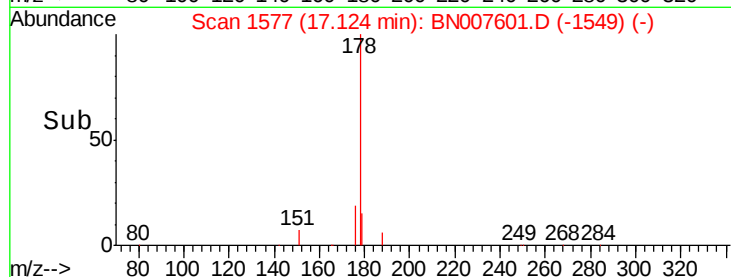
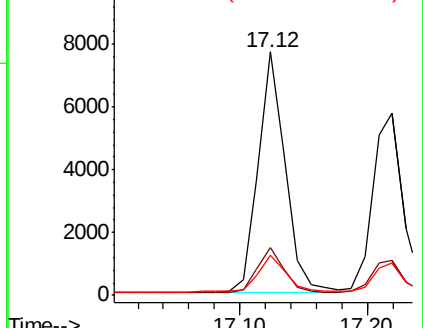
179 16.2 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.090 ng

RT: 17.22 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

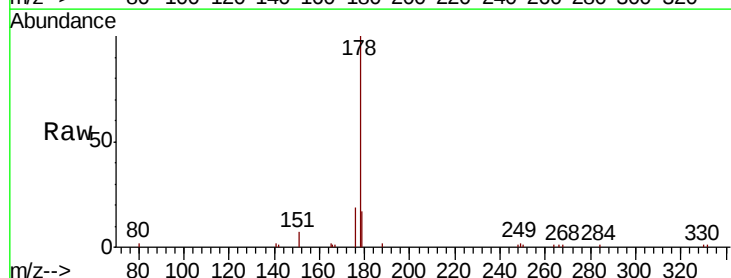
Tgt Ion:178 Resp: 9590

Ion Ratio Lower Upper

178 100

176 18.5 14.5 21.7

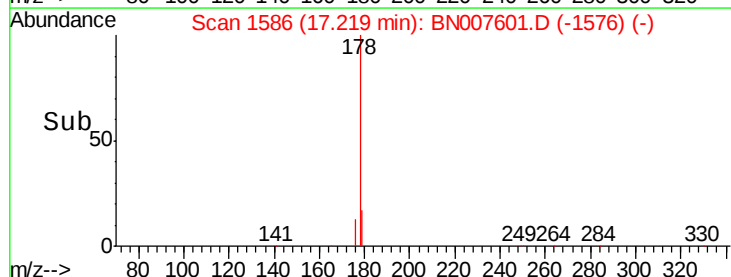
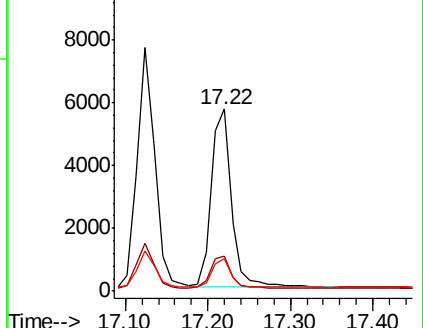
179 15.9 12.4 18.6

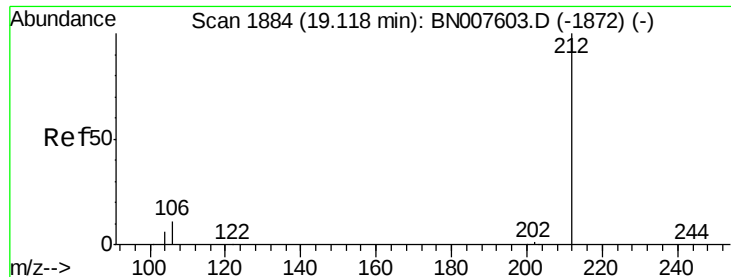


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.092 ng

RT: 19.12 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

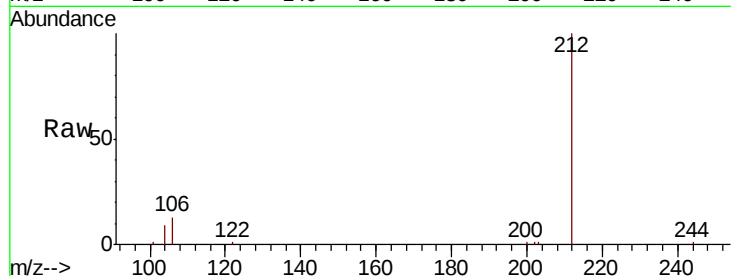
Tot Ion:212 Resp: 11141

Ion Ratio Lower Upper

212 100

106 12.3 9.6 14.4

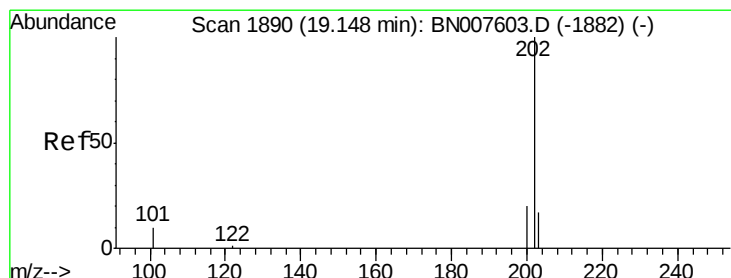
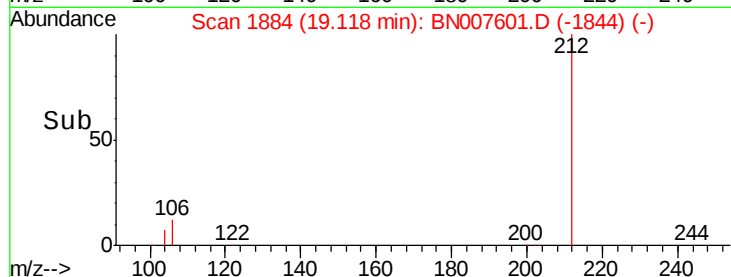
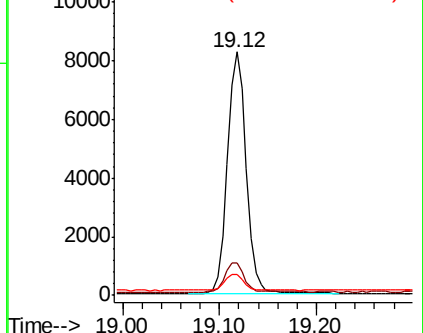
104 6.9 5.4 8.0



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: 0.092 ng

RT: 19.15 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

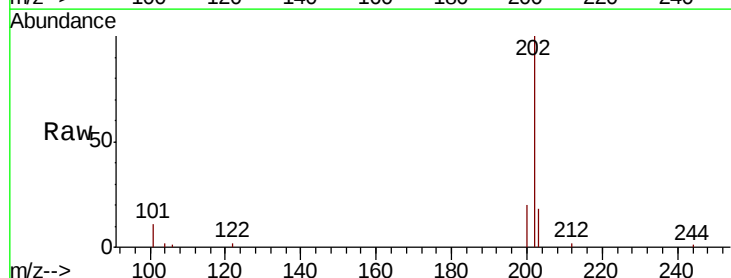
Tgt Ion:202 Resp: 12830

Ion Ratio Lower Upper

202 100

101 10.9 8.6 13.0

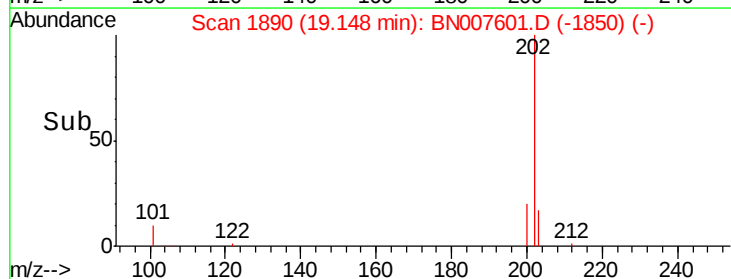
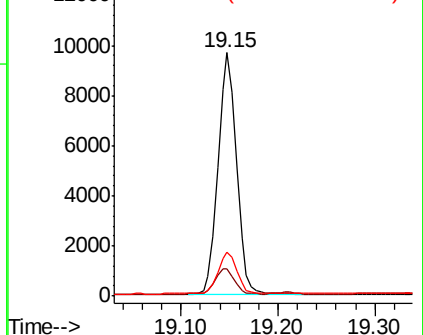
203 17.3 13.8 20.6

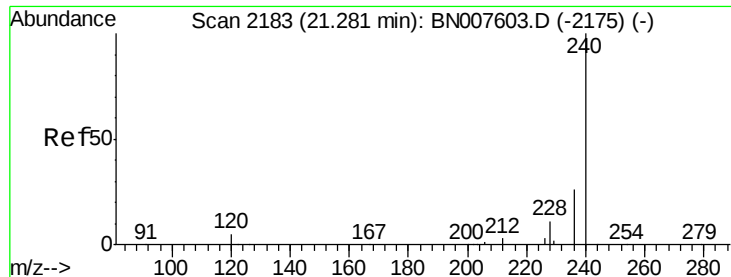


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

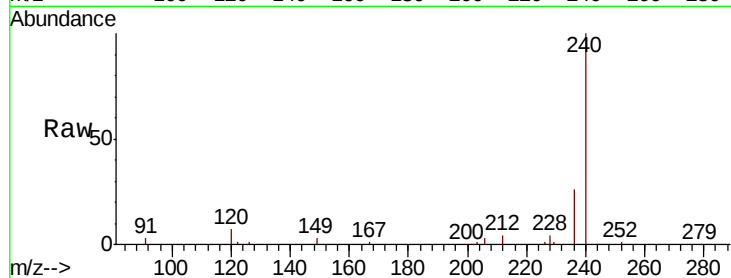
Tot Ion:240 Resp: 35391

Ion Ratio Lower Upper

240 100

120 7.0 4.3 6.5#

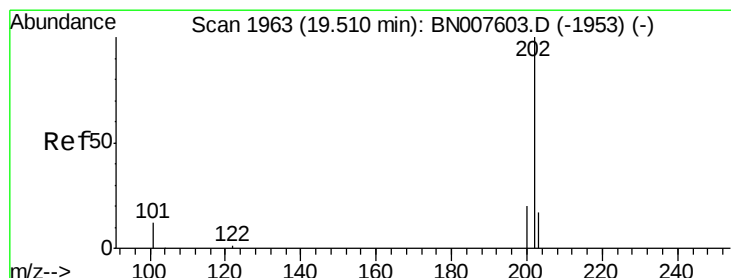
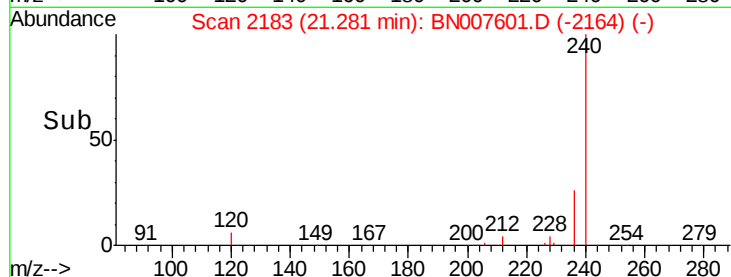
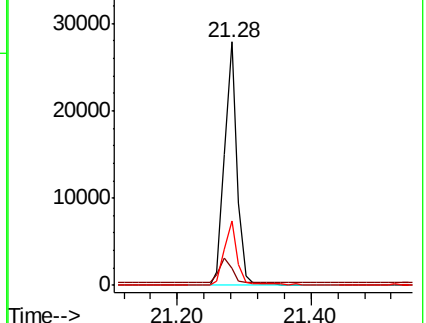
236 26.3 20.8 31.2



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: 0.104 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

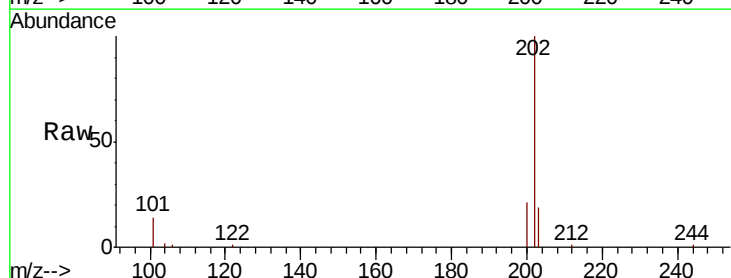
Tgt Ion:202 Resp: 13222

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

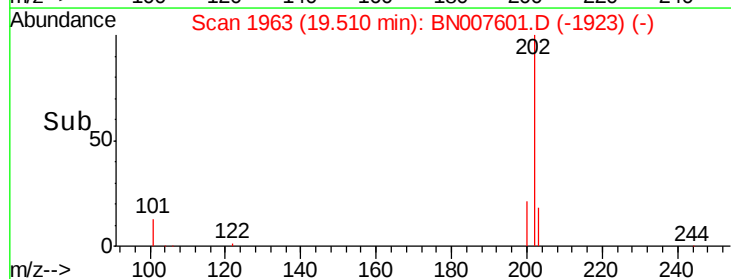
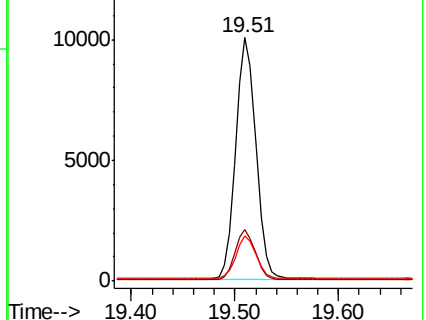
203 17.9 14.0 21.0

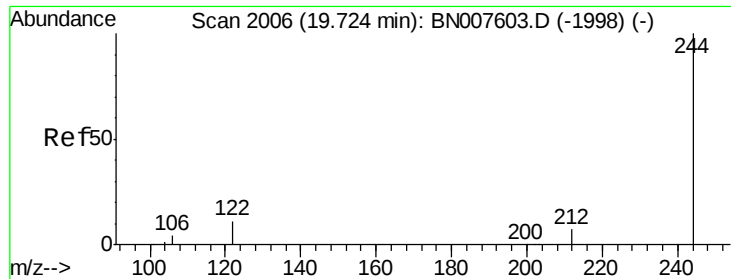


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.107 ng

RT: 19.73 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

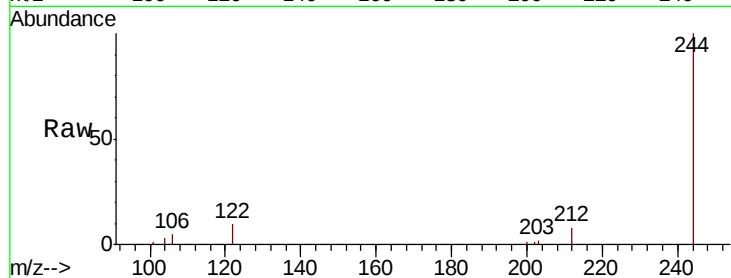
Tot Ion:244 Resp: 9809

Ion Ratio Lower Upper

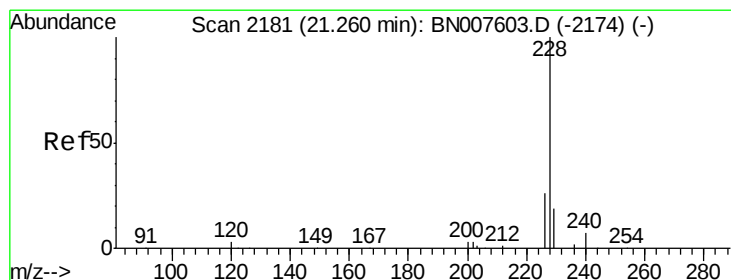
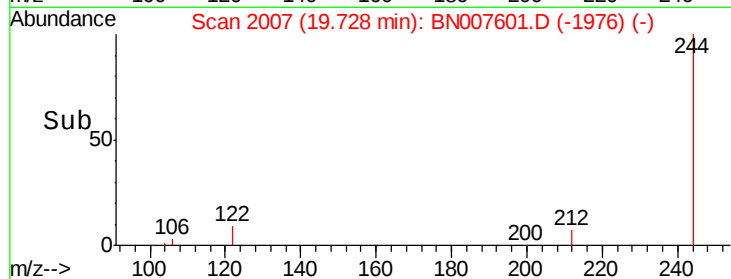
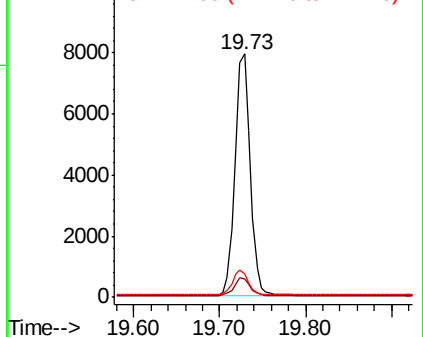
244 100

212 7.8 5.9 8.9

122 9.8 8.6 12.8



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: 0.096 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

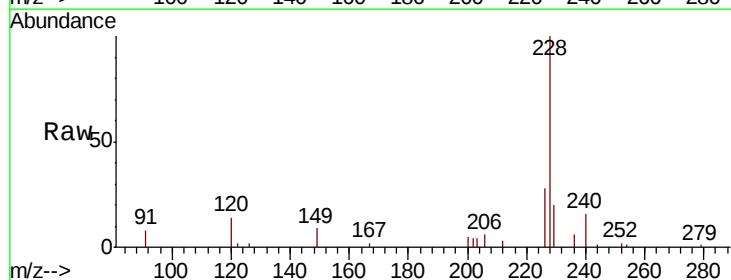
Tgt Ion:228 Resp: 12165

Ion Ratio Lower Upper

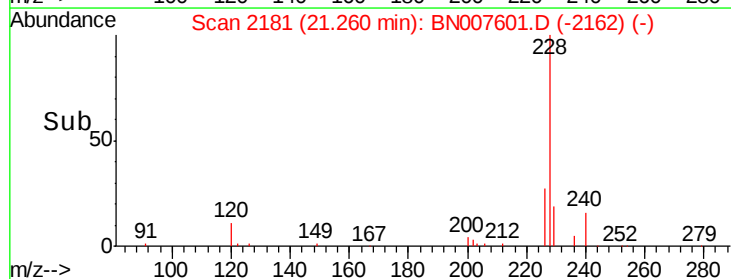
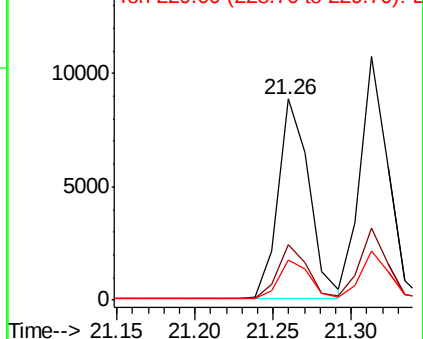
228 100

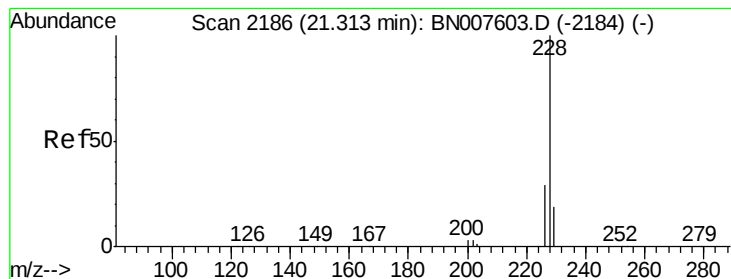
226 27.8 21.2 31.8

229 20.0 15.5 23.3



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

Chrvsene

Concen: 0.103 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

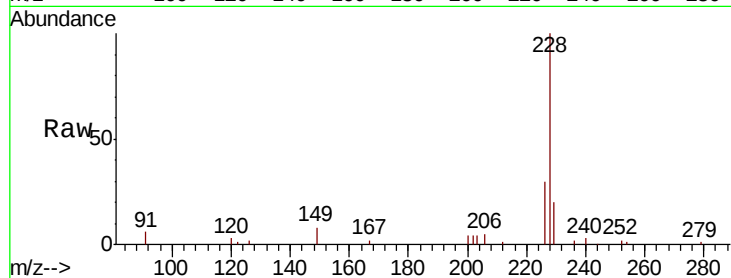
Tot Ion:228 Resp: 13233

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

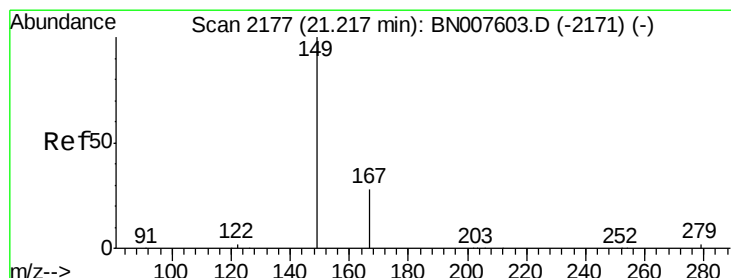
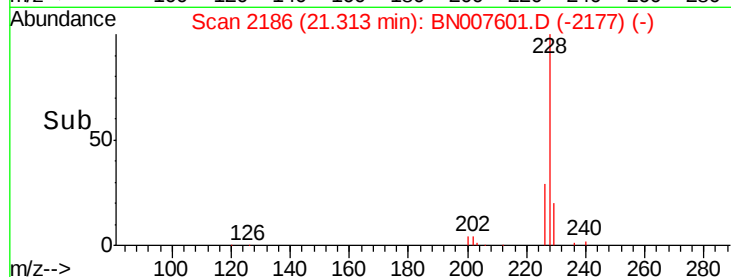
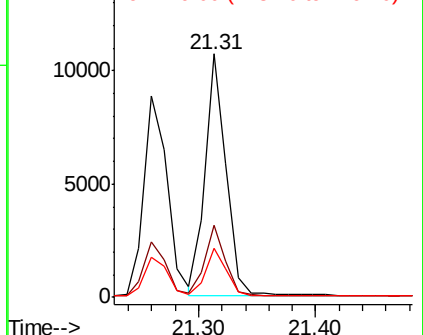
229 20.0 15.5 23.3



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: 0.109 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

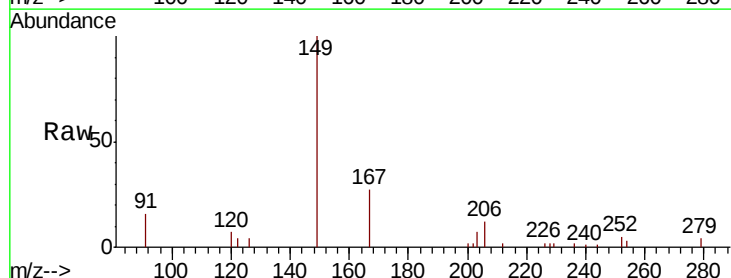
Tgt Ion:149 Resp: 4703

Ion Ratio Lower Upper

149 100

167 28.9 22.6 34.0

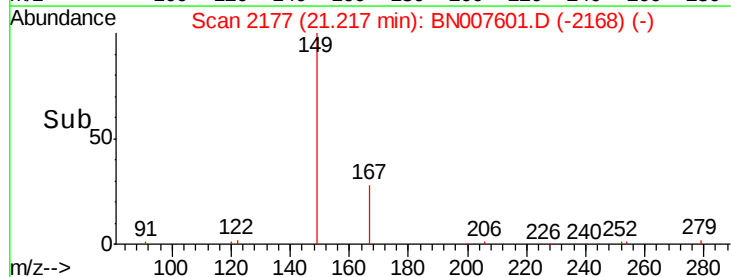
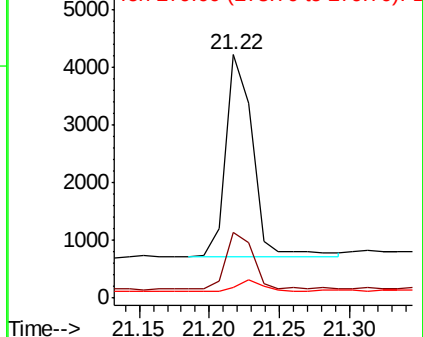
279 4.8 3.8 5.6

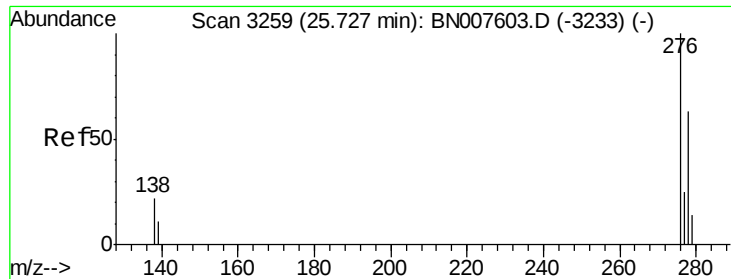


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

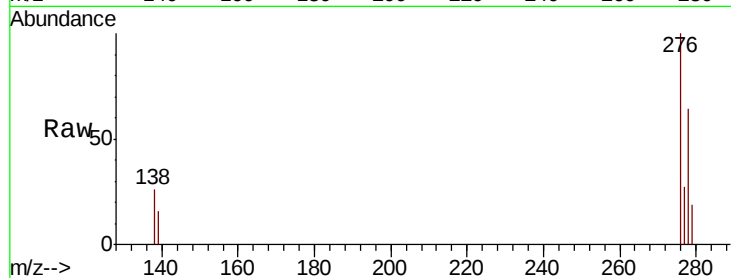




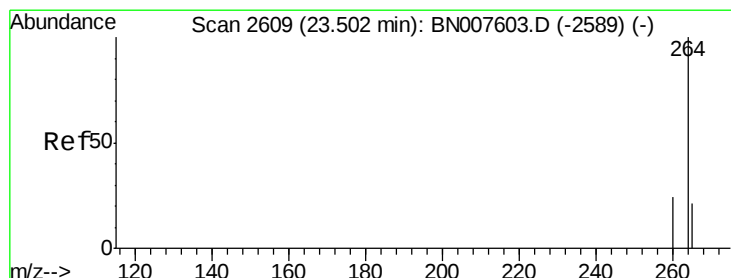
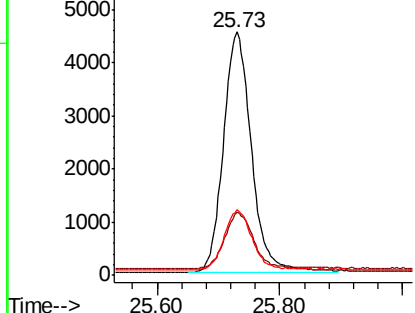
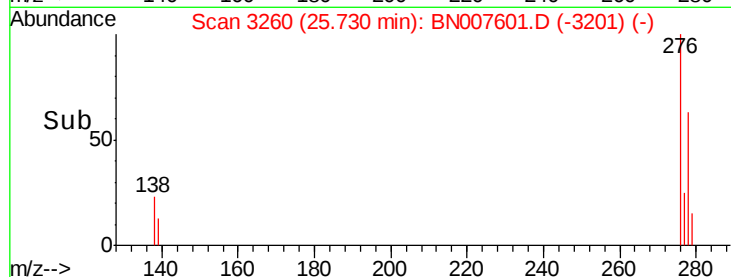
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng
RT: 25.73 min Scan# 3260
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:276 Resp: 14301
Ion Ratio Lower Upper
276 100
138 24.0 18.2 27.4
277 24.9 20.1 30.1

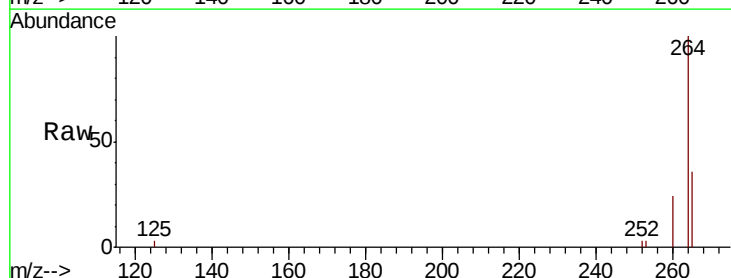


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

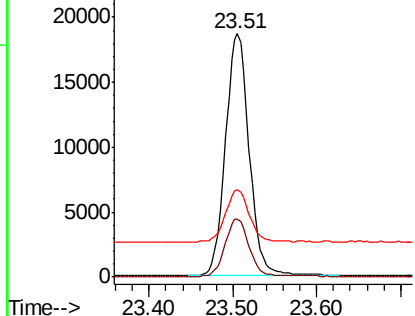
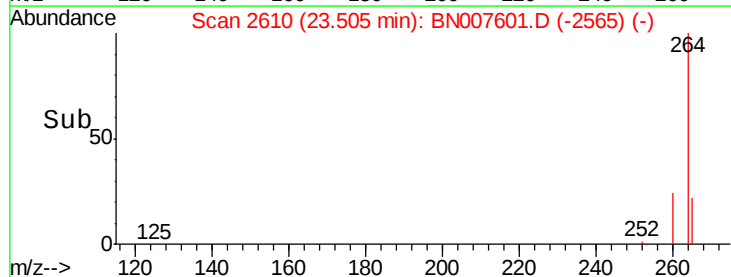


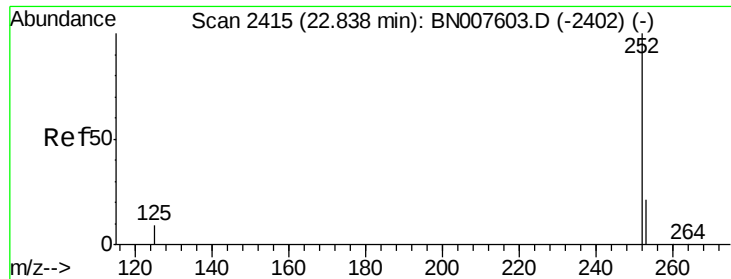
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2610
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:264 Resp: 36689
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 36.0 24.6 37.0



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

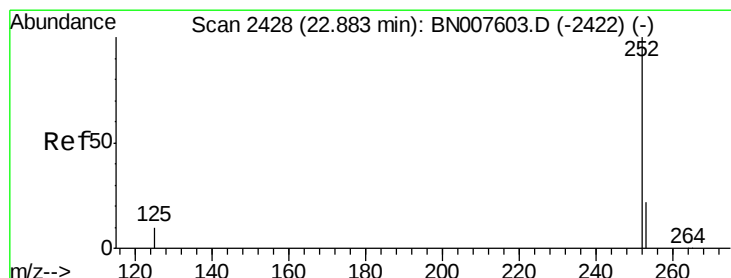
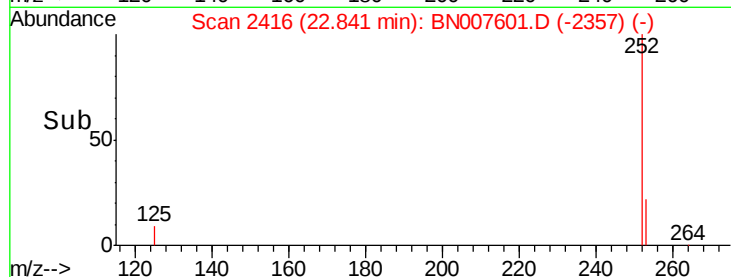
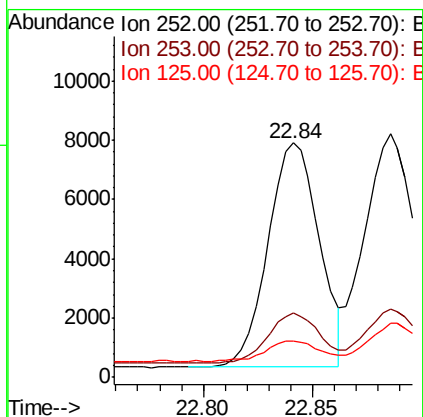
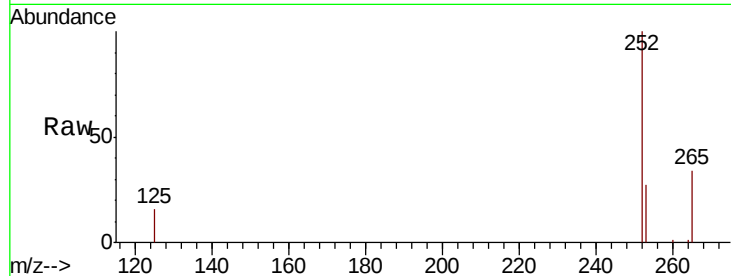




#35
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 22.84 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

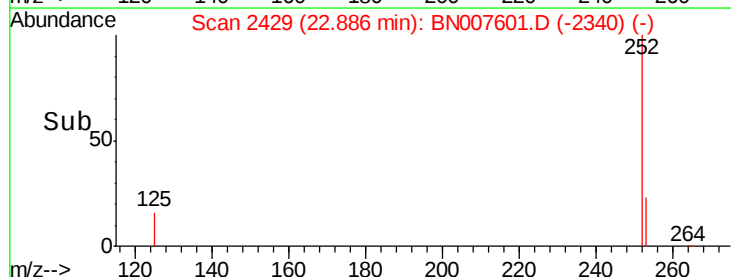
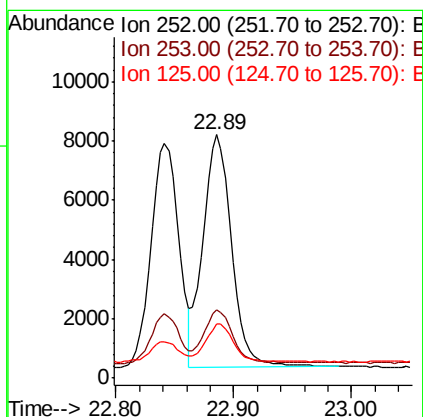
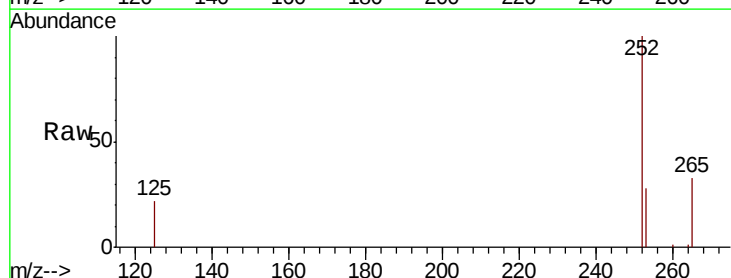
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

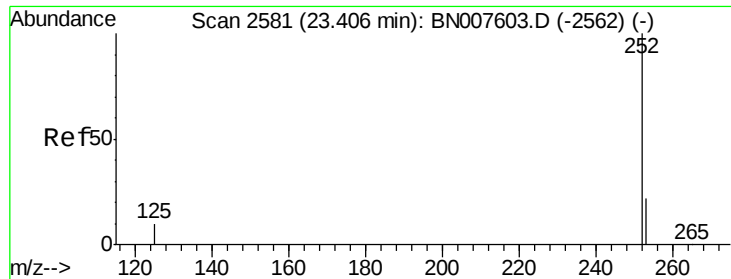
Tot Ion:252 Resp: 12367
Ion Ratio Lower Upper
252 100
253 27.3 17.8 26.8#
125 15.5 8.0 12.0#



#36
Benzo(k)fluoranthene
Concen: 0.103 ng
RT: 22.89 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:252 Resp: 13276
Ion Ratio Lower Upper
252 100
253 28.1 18.3 27.5#
125 22.3 8.9 13.3#





#37

Benzo(a)pyrene

Concen: 0.095 ng

RT: 23.41 min Scan# 2582

Delta R.T. 0.00 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

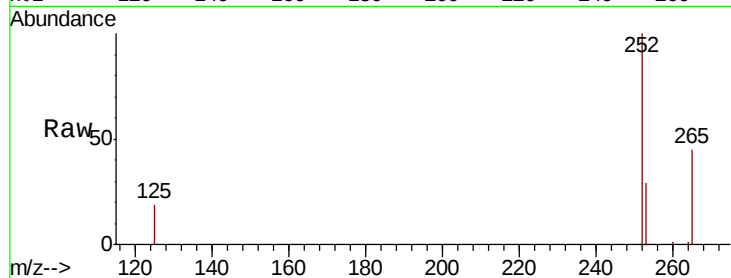
Tot Ion:252 Resp: 11051

Ion Ratio Lower Upper

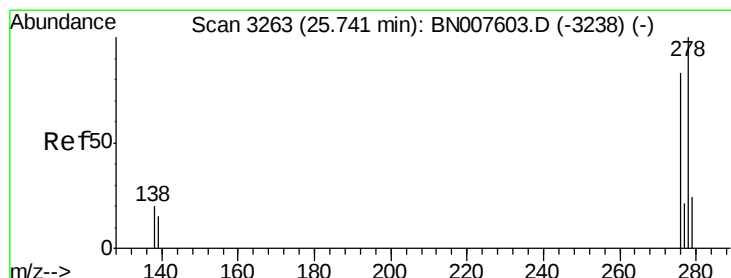
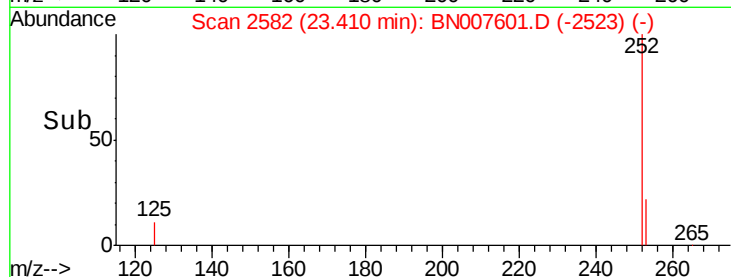
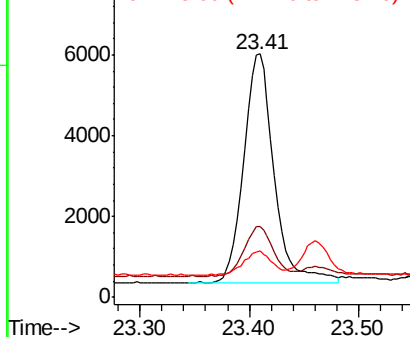
252 100

253 29.3 18.3 27.5#

125 19.1 8.9 13.3#



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: 0.102 ng

RT: 25.75 min Scan# 3265

Delta R.T. 0.01 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

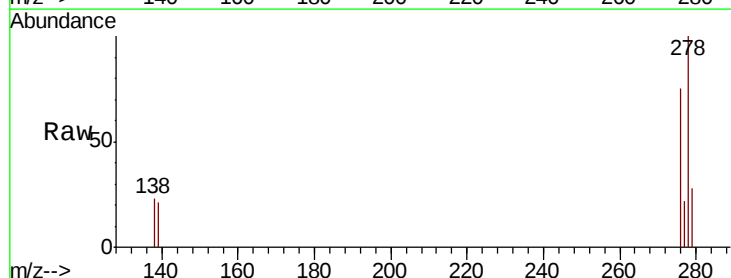
Tgt Ion:278 Resp: 11828

Ion Ratio Lower Upper

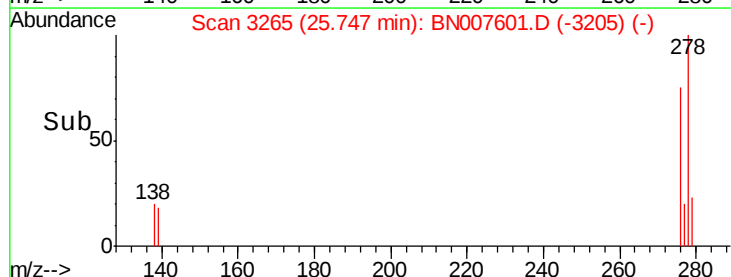
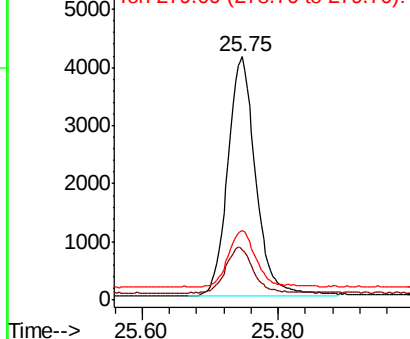
278 100

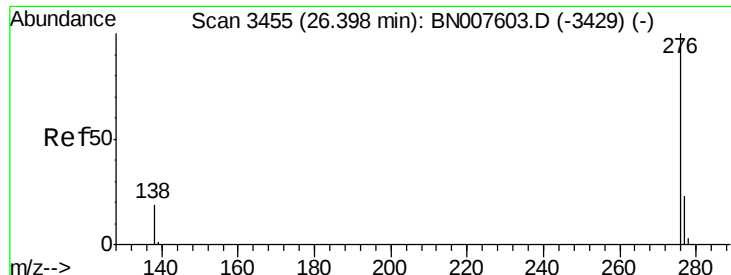
139 20.7 12.6 18.8#

279 28.4 19.6 29.4



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: 0.100 ng

RT: 26.40 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BN007601.D

Acq: 12 Sep 2019 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

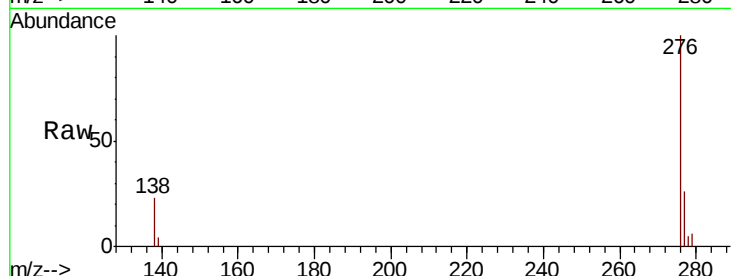
Tot Ion:276 Resp: 11750

Ion Ratio Lower Upper

276 100

277 26.5 19.1 28.7

138 23.0 15.8 23.6



Abundance Ion 276.00 (275.70 to 276.70): E

5000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

