

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070819\
 Data File : BN006750.D
 Acq On : 08 Jul 2019 10:19
 Operator : HP/JU
 Sample : PB121012BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121012BS

Quant Time: Jul 08 10:52:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2710	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	10247	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	5888	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	13321	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	13296	0.40	ng	-0.02
34) Perylene-d12	23.47	264	15243	0.40	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	2111	0.29	ng	0.00
5) Phenol-d6	6.82	99	2912	0.31	ng	0.00
8) Nitrobenzene-d5	8.78	82	2231	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7644	0.50	ng	-0.02
14) 2,4,6-Tribromophenol	15.78	330	738	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	7721	0.34	ng	-0.02
25) Fluoranthene-d10	19.06	212	14103	0.37	ng	-0.02
29) Terphenyl-d14	19.66	244	10228	0.33	ng	-0.01

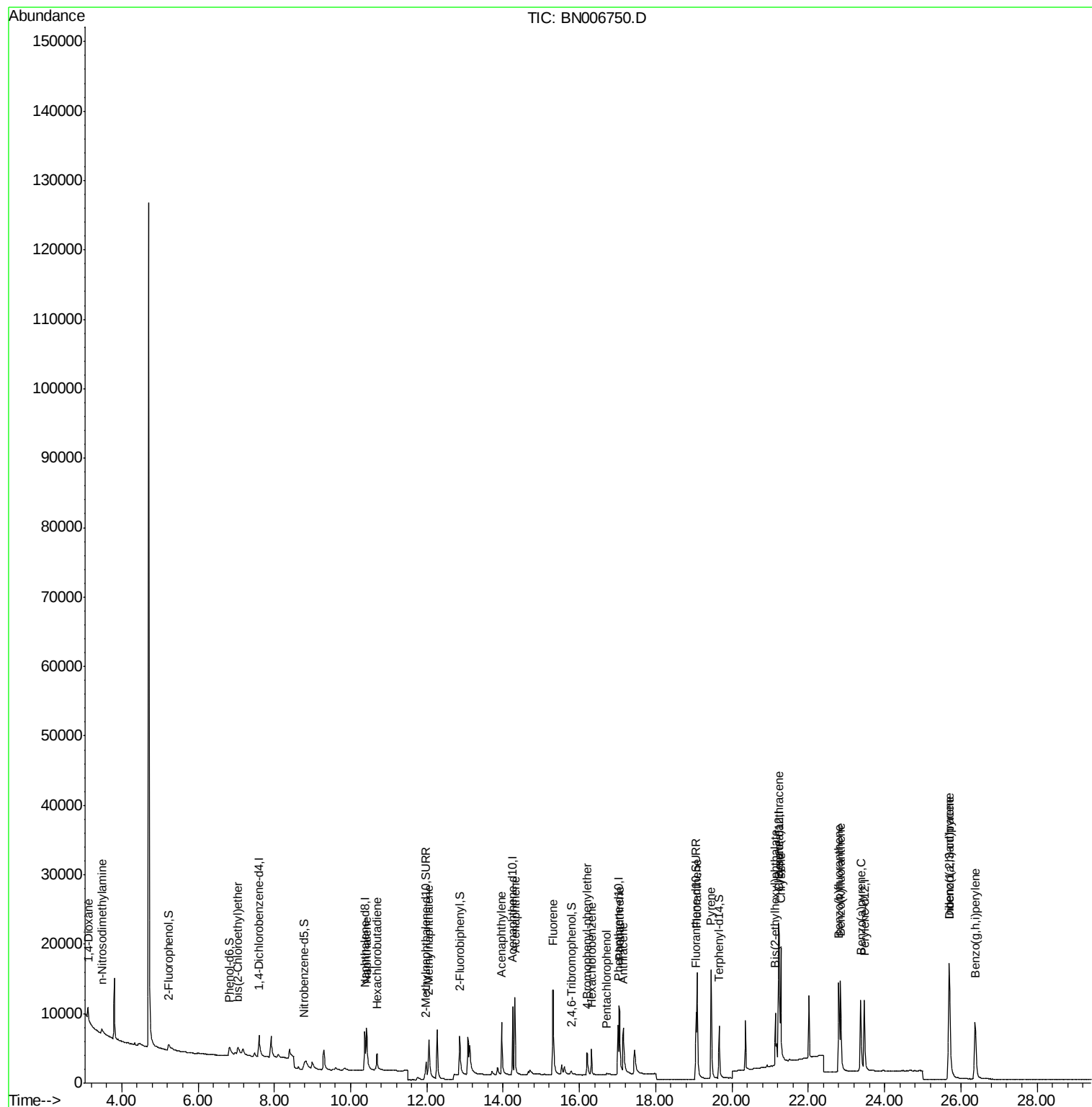
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	1185	0.280	ng	# 18
3) n-Nitrosodimethylamine	3.48	42	989	0.310	ng	# 82
6) bis(2-Chloroethyl)ether	7.05	93	2241	0.285	ng	98
9) Naphthalene	10.41	128	10717	0.382	ng	98
10) Hexachlorobutadiene	10.69	225	1991	0.351	ng	# 100
12) 2-Methylnaphthalene	12.05	142	7008	0.350	ng	99
16) Acenaphthylene	13.96	152	10202	0.348	ng	100
17) Acenaphthene	14.31	154	6877	0.367	ng	97
18) Fluorene	15.31	166	8398	0.361	ng	99
20) 4-Bromophenyl-phenylether	16.21	248	2536	0.323	ng	95
21) Hexachlorobenzene	16.32	284	3445	0.369	ng	98
22) Pentachlorophenol	16.72	266	460	0.469	ng	100
23) Phenanthrene	17.05	178	13432	0.350	ng	100
24) Anthracene	17.15	178	11312	0.326	ng	100
26) Fluoranthene	19.09	202	16982	0.377	ng	100
28) Pyrene	19.45	202	17548	0.330	ng	100
30) Benzo(a)anthracene	21.23	228	15289	0.333	ng	100
31) Chrysene	21.28	228	17881	0.378	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	6427	0.047	ng	100
33) Indeno(1,2,3-cd)pyrene	25.70	276	22262	0.394	ng	97
35) Benzo(b)fluoranthene	22.80	252	17334	0.354	ng	# 97
36) Benzo(k)fluoranthene	22.85	252	20456	0.386	ng	# 97
37) Benzo(a)pyrene	23.38	252	18344	0.387	ng	# 95
38) Dibenzo(a,h)anthracene	25.70	278	17797	0.378	ng	97
39) Benzo(g,h,i)perylene	26.38	276	19809	0.409	ng	96

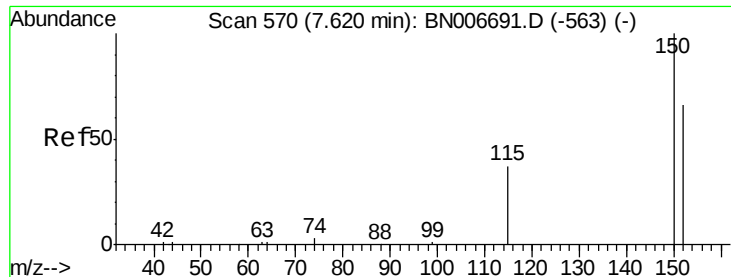
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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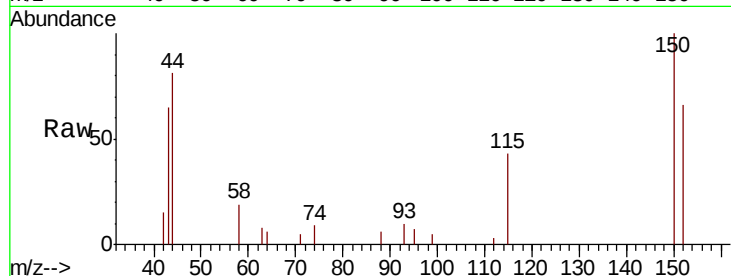


#1

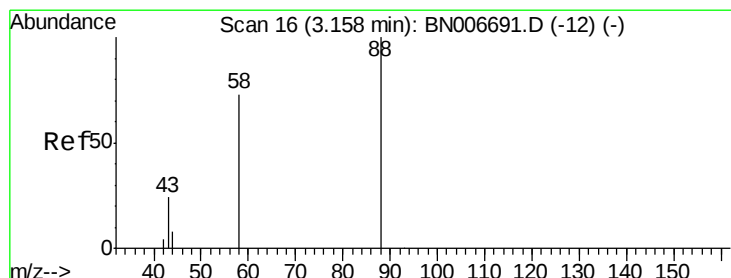
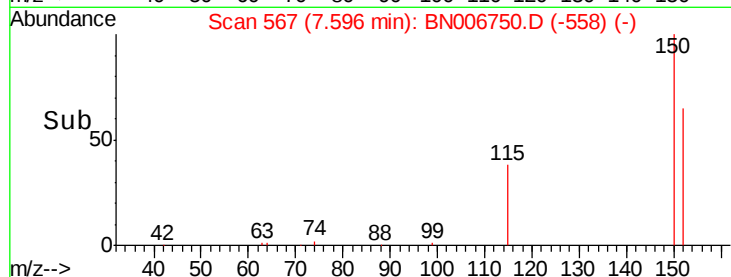
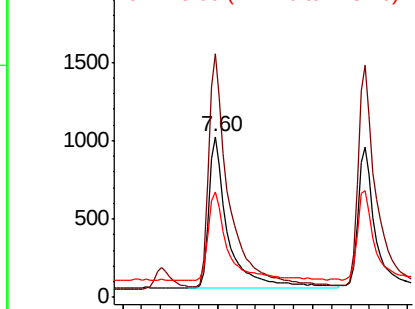
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006750.D
Acq: 08 Jul 2019 10:19

Instrument :
BNA_N
ClientSampleId :
PB121012BS

Tot Ion:152 Resp: 2710
Ion Ratio Lower Upper
152 100
150 151.7 120.6 181.0
115 65.4 51.0 76.6



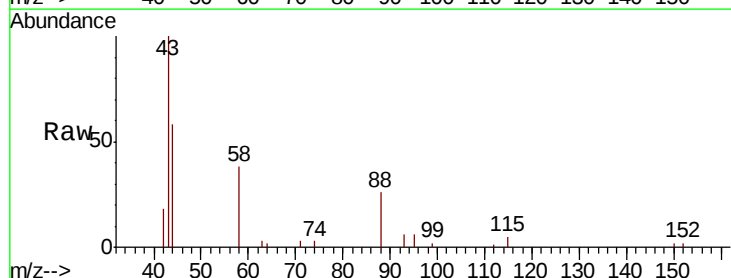
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



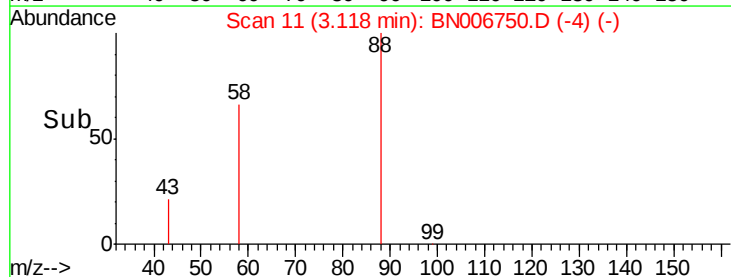
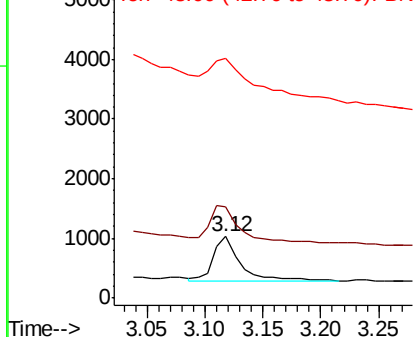
#2

1,4-Dioxane
Concen: 0.280 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006750.D
Acq: 08 Jul 2019 10:19

Tgt Ion: 88 Resp: 1185
Ion Ratio Lower Upper
88 100
58 97.4 61.1 91.7#
43 159.1 32.4 48.6#



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



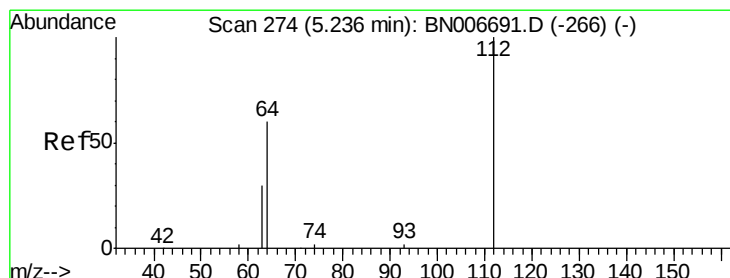
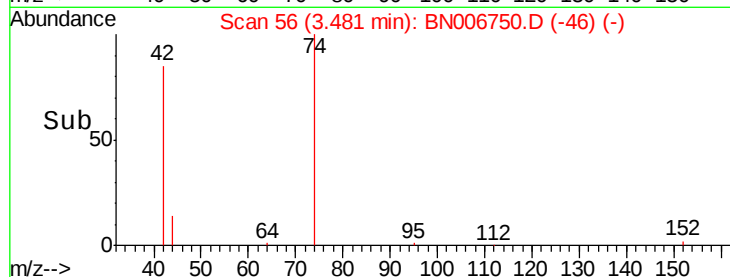
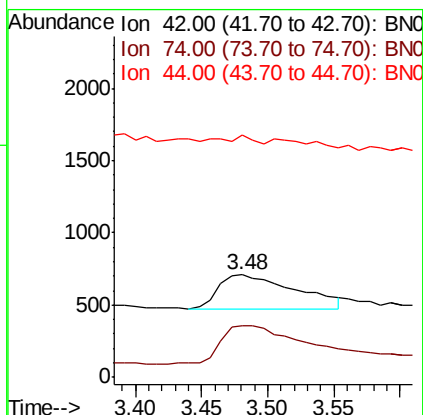
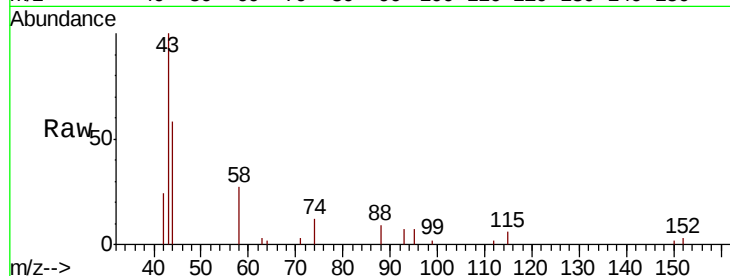


#3

n-Nitrosodimethylamine
 Concen: 0.310 ng
 RT: 3.48 min Scan# 56
 Delta R.T. -0.02 min
 Lab File: BN006750.D
 Acq: 08 Jul 2019 10:19

Instrument :
 BNA_N
 ClientSampleId :
 PB121012BS

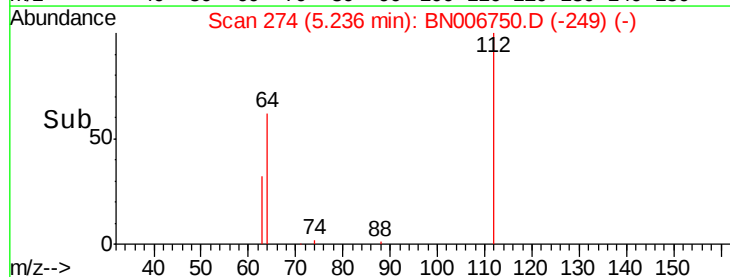
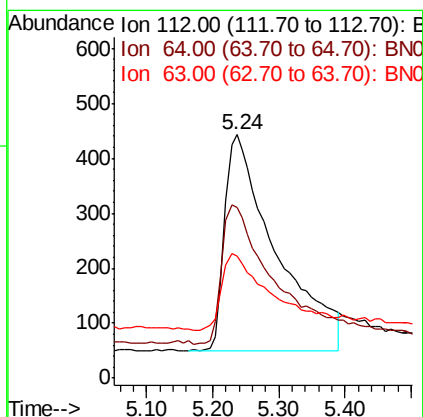
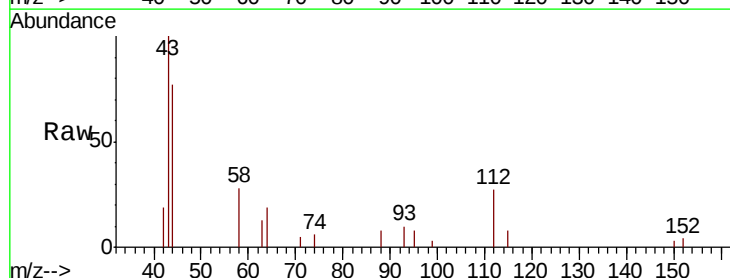
Tot Ion: 42 Resp: 989
 Ion Ratio Lower Upper
 42 100
 74 112.3 106.6 160.0
 44 0.0 8.0 12.0#

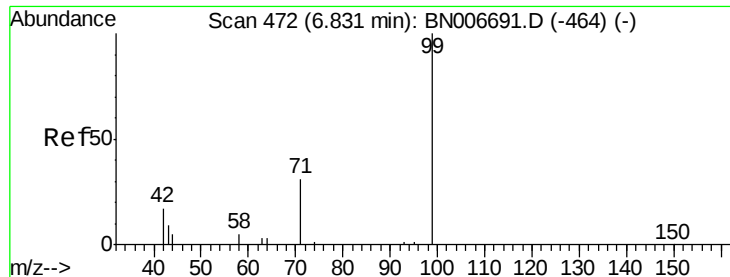


#4

2-Fluorophenol
 Concen: 0.287 ng
 RT: 5.24 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: BN006750.D
 Acq: 08 Jul 2019 10:19

Tgt Ion: 112 Resp: 2111
 Ion Ratio Lower Upper
 112 100
 64 65.3 49.8 74.6
 63 35.3 25.8 38.6





#5

Phenol-d6

Concen: 0.313 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

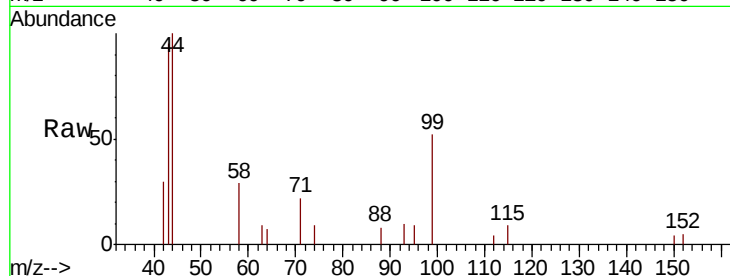
Tot Ion: 99 Resp: 2912

Ion Ratio Lower Upper

99 100

42 26.6 16.6 25.0#

71 35.6 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)

6.82

800

600

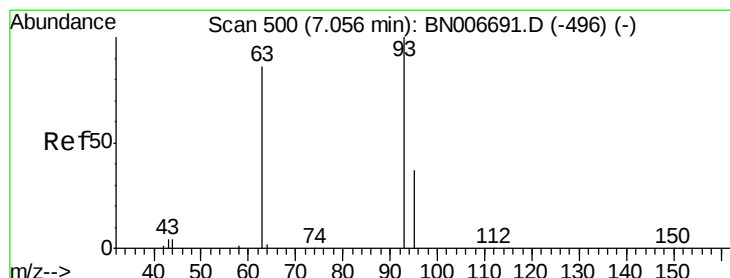
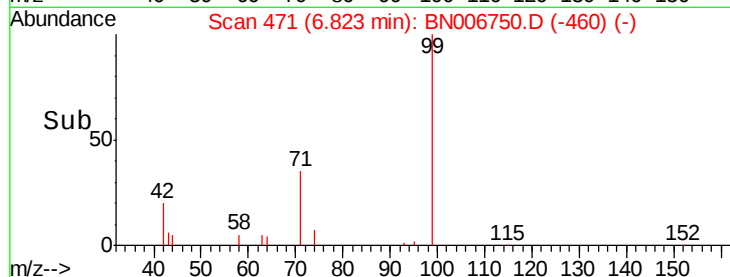
400

200

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.285 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.01 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

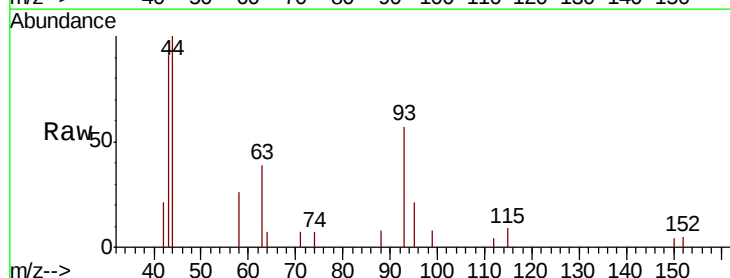
Tgt Ion: 93 Resp: 2241

Ion Ratio Lower Upper

93 100

63 72.2 58.6 87.8

95 33.4 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006691.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006691.D (-496) (-)

7.05

800

600

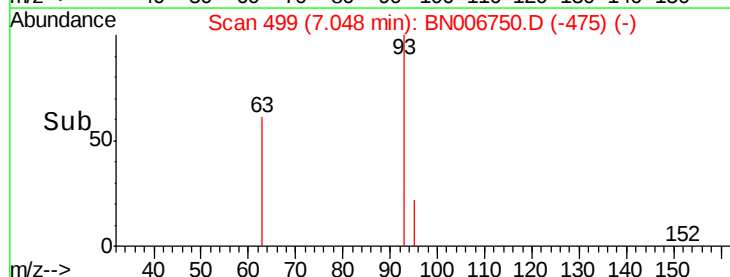
400

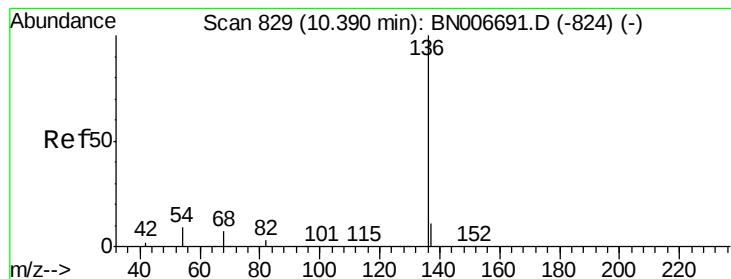
200

0

7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

Tot Ion:136 Resp: 10247

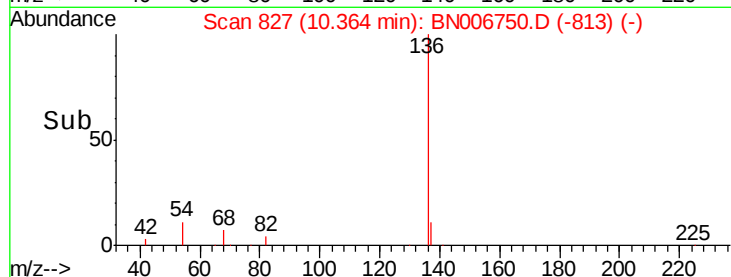
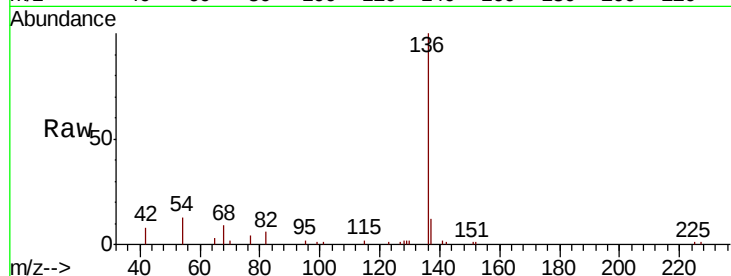
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 12.7 8.4 12.6#

68 9.4 6.8 10.2

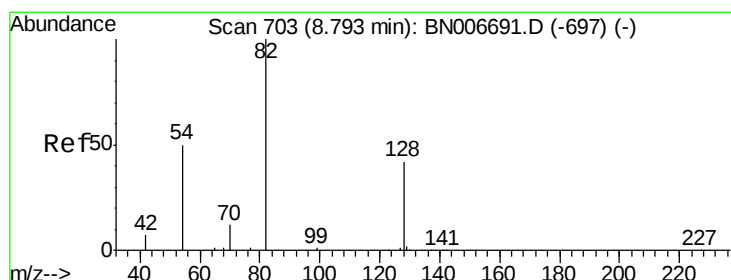
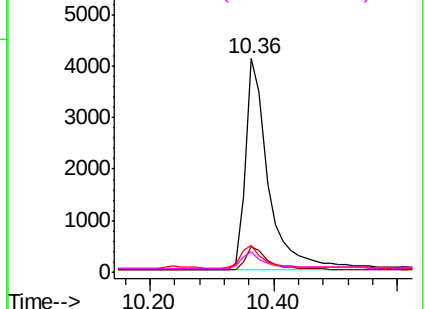


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.284 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

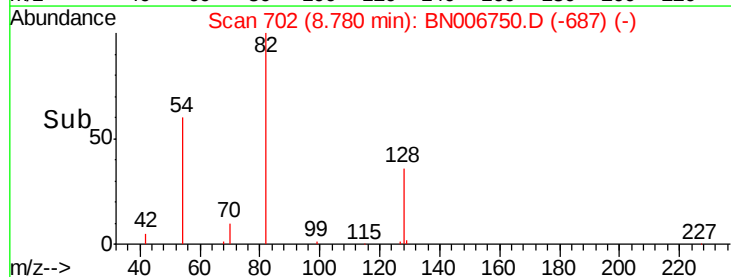
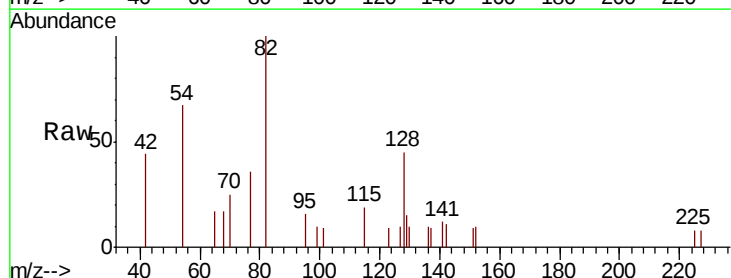
Tgt Ion: 82 Resp: 2231

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

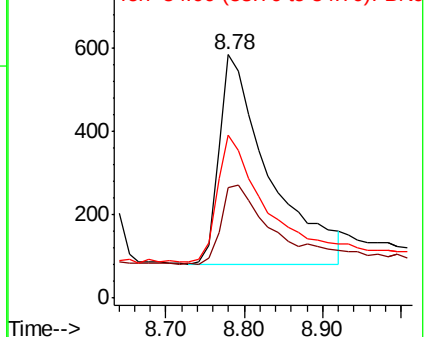
54 66.8 44.5 66.7#

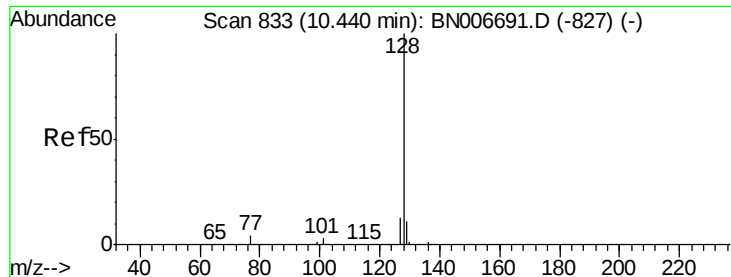


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.382 ng

RT: 10.41 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

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ClientSampleId :

PB121012BS

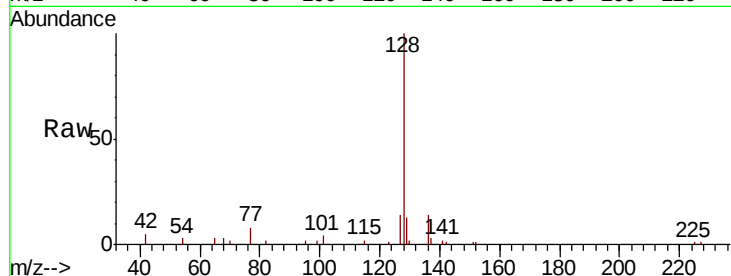
Tot Ion:128 Resp: 10717

Ion Ratio Lower Upper

128 100

129 12.7 9.6 14.4

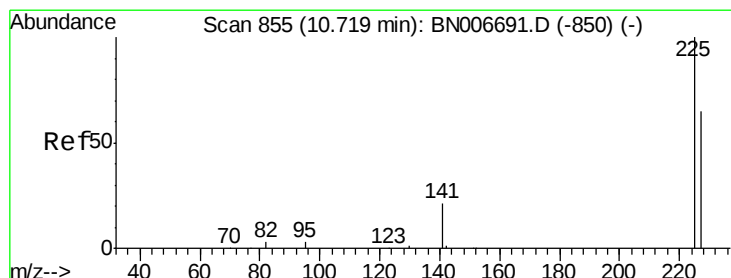
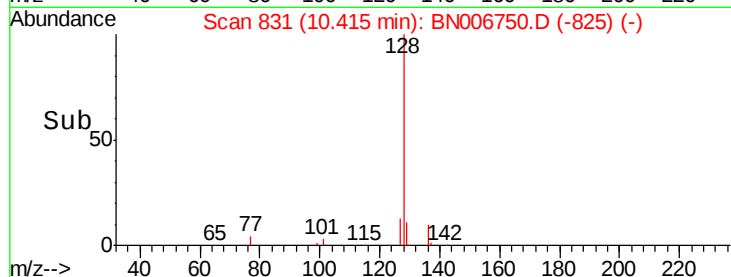
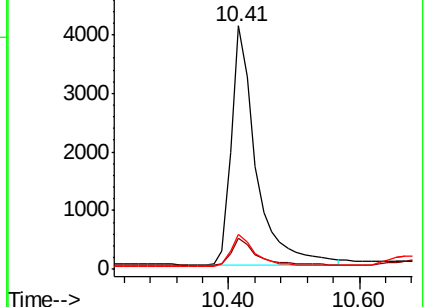
127 14.3 11.0 16.4



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: 0.351 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

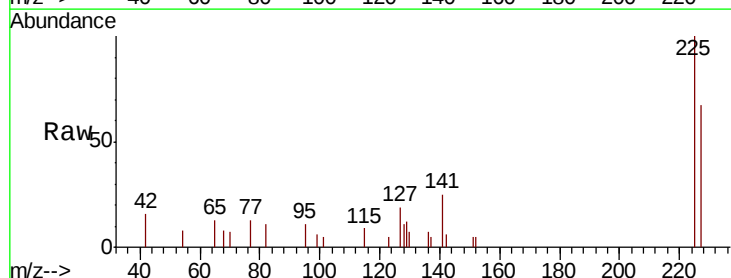
Tgt Ion:225 Resp: 1991

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

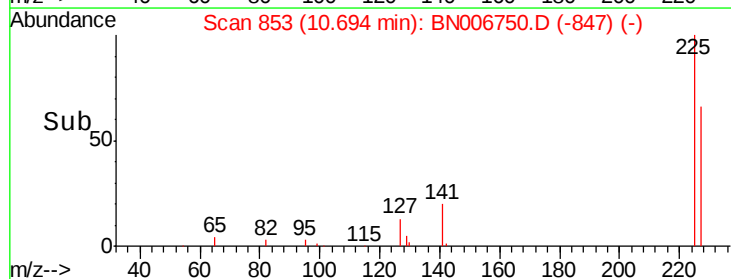
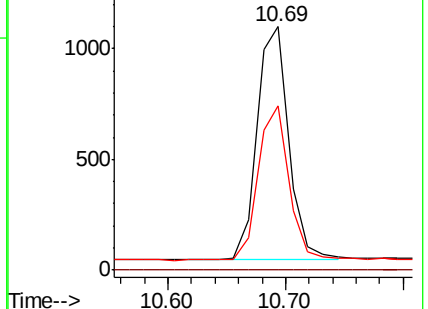
227 63.7 50.9 76.3

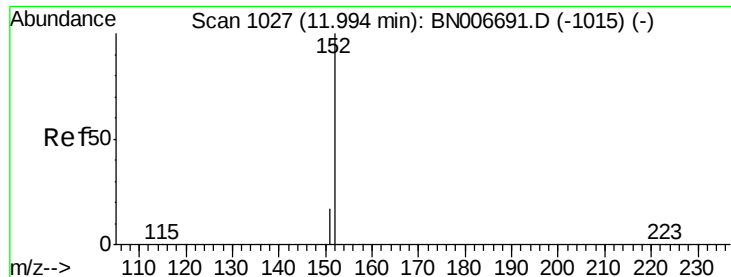


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

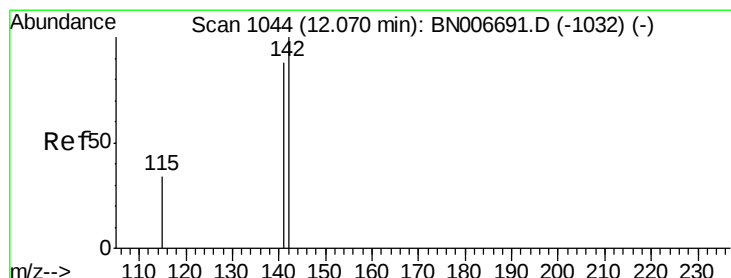
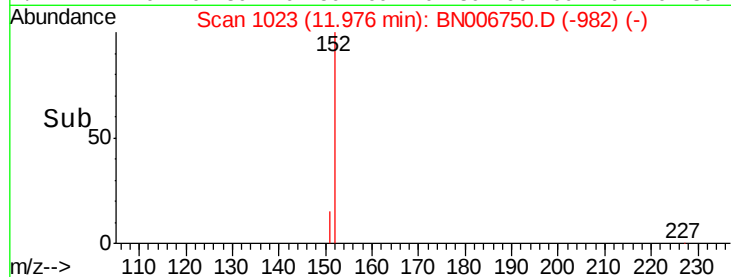
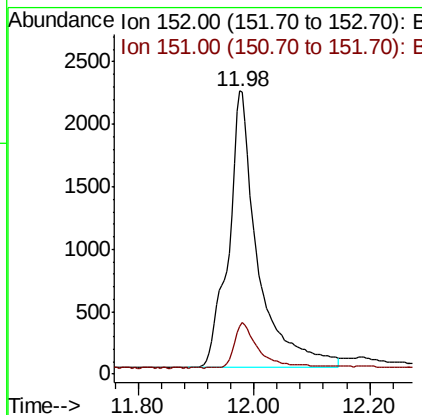
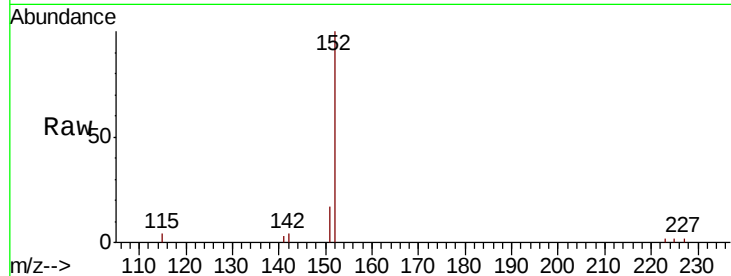




#11
 2-Methylnaphthalene-d10
 Concen: 0.496 ng
 RT: 11.98 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BN006750.D
 Acq: 08 Jul 2019 10:19

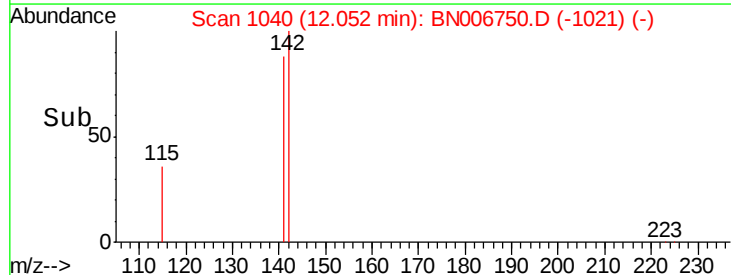
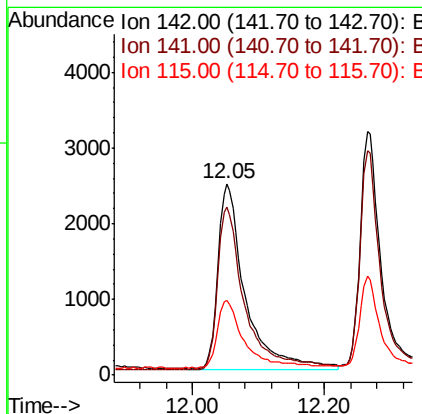
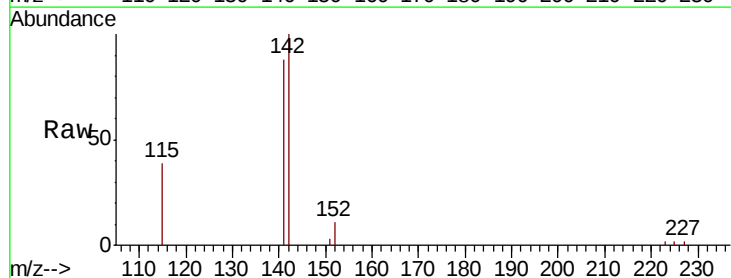
Instrument :
 BNA_N
 ClientSampleId :
 PB121012BS

Tot Ion:152 Resp: 7644
 Ion Ratio Lower Upper
 152 100
 151 13.7 14.9 22.3#



#12
 2-Methylnaphthalene
 Concen: 0.350 ng
 RT: 12.05 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BN006750.D
 Acq: 08 Jul 2019 10:19

Tgt Ion:142 Resp: 7008
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.3 105.5
 115 38.9 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

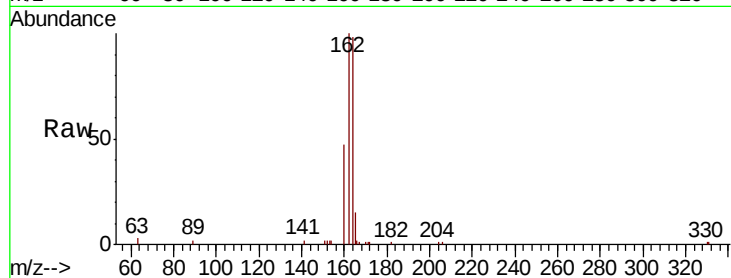
Tot Ion:164 Resp: 5888

Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

160 47.4 37.0 55.6

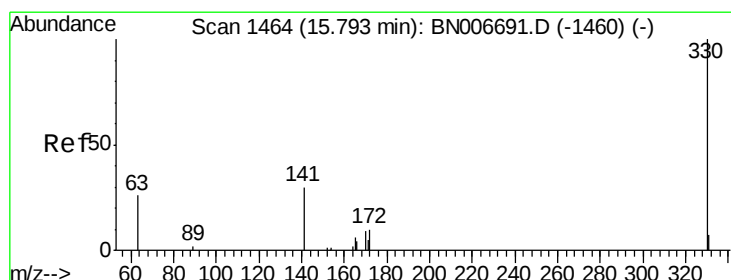
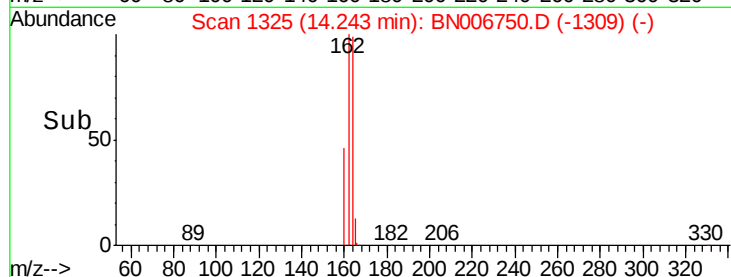
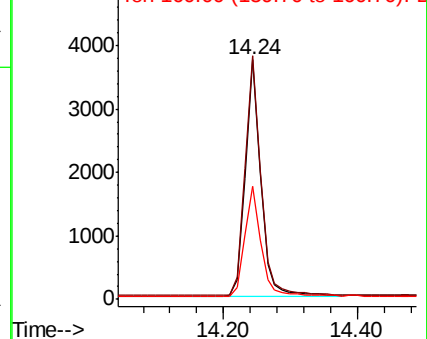


Abundance

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: 0.255 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

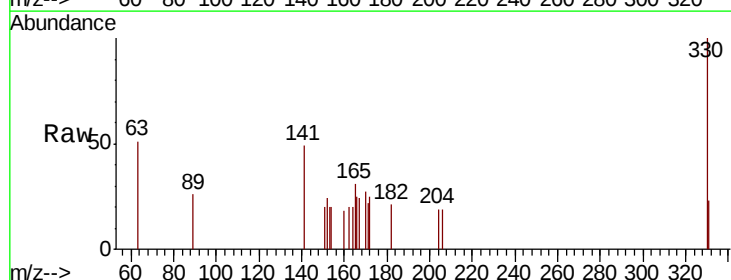
Tgt Ion:330 Resp: 738

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.9 24.8 37.2

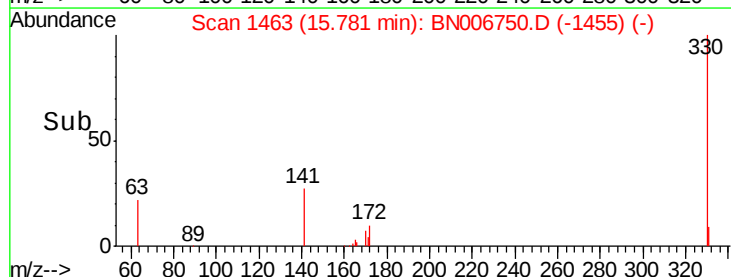
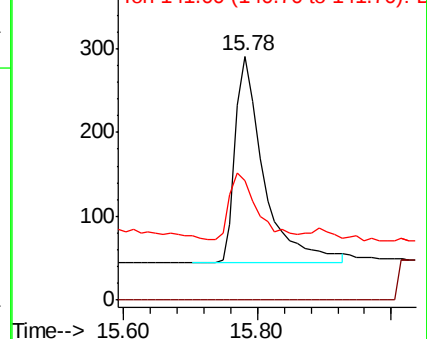


Abundance

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

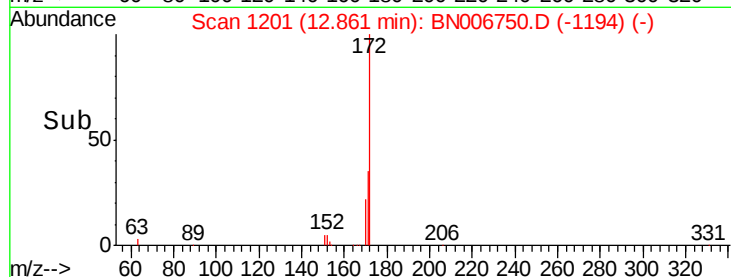
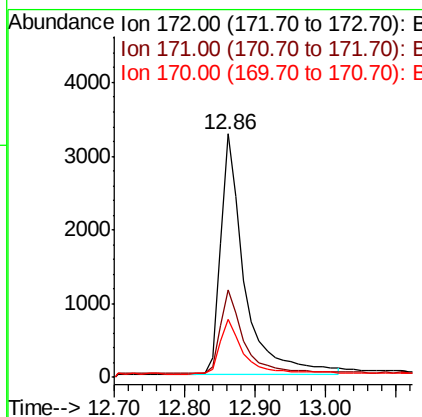
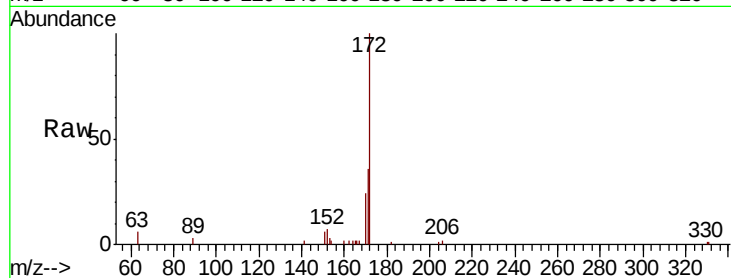




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006750.D
Acq: 08 Jul 2019 10:19

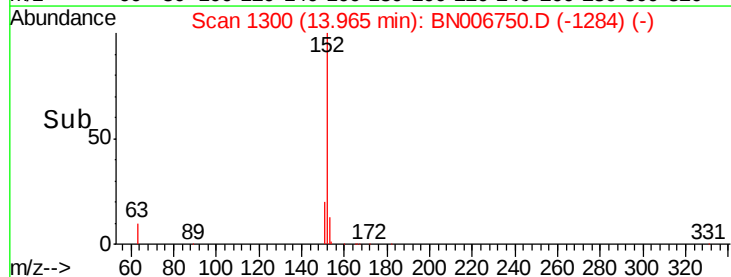
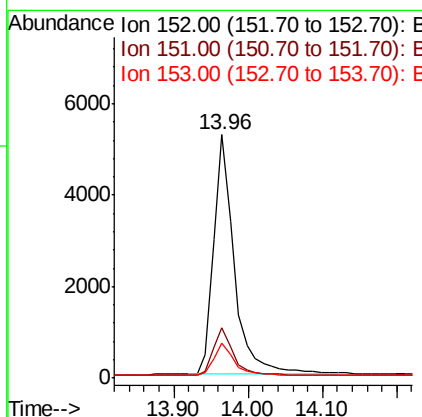
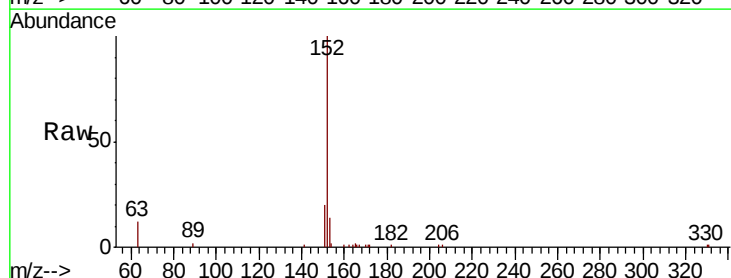
Instrument :
BNA_N
ClientSampleId :
PB121012BS

Tot Ion:172 Resp: 7721
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.6
170 23.6 18.9 28.3



#16
Acenaphthylene
Concen: 0.348 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006750.D
Acq: 08 Jul 2019 10:19

Tgt Ion:152 Resp: 10202
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.367 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

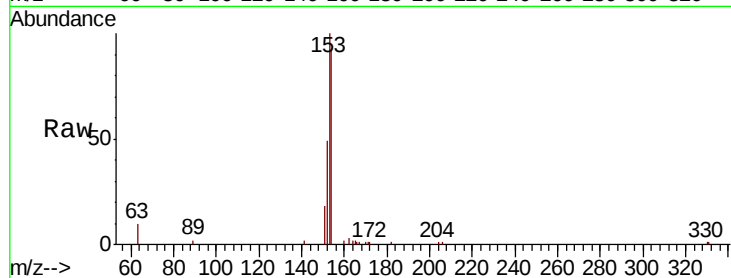
Tot Ion:154 Resp: 6877

Ion Ratio Lower Upper

154 100

153 113.4 88.9 133.3

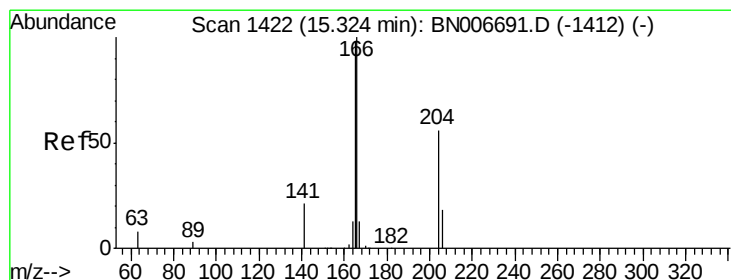
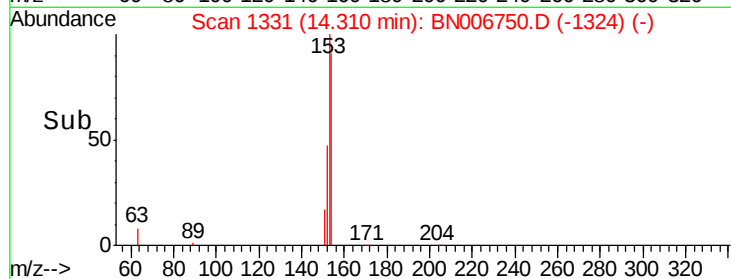
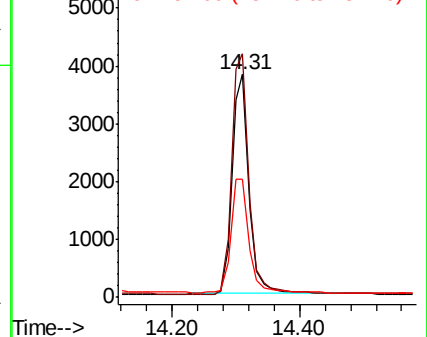
152 55.8 42.8 64.2



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: 0.361 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

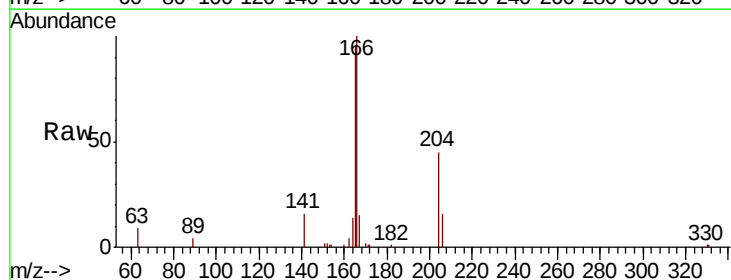
Tgt Ion:166 Resp: 8398

Ion Ratio Lower Upper

166 100

165 96.7 78.0 117.0

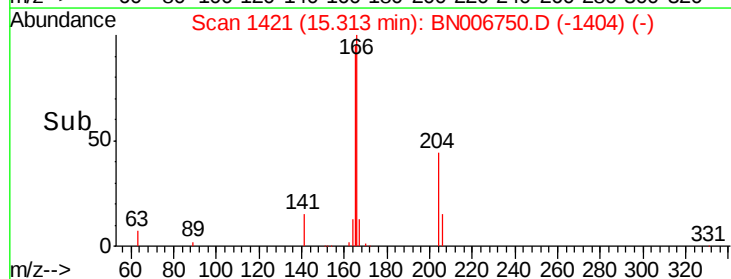
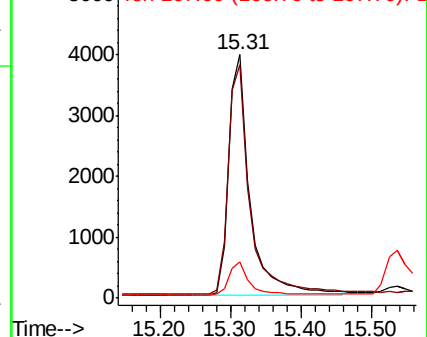
167 13.3 10.7 16.1



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: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

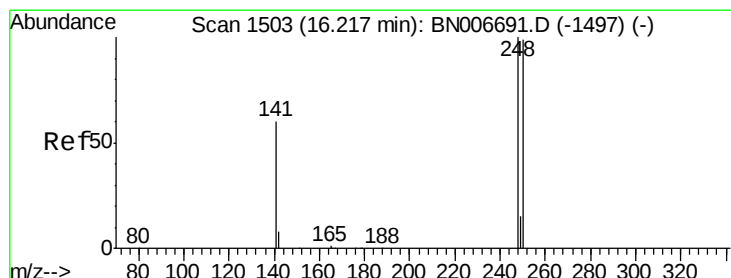
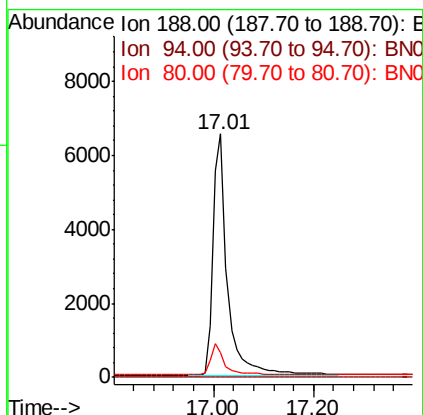
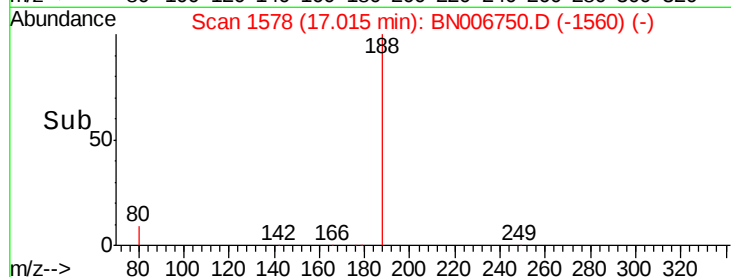
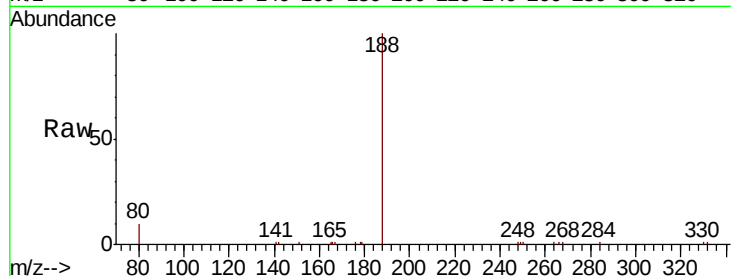
Tot Ion:188 Resp: 13321

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 10.3 15.5#



#20

4-Bromophenyl-phenylether

Concen: 0.323 ng

RT: 16.21 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

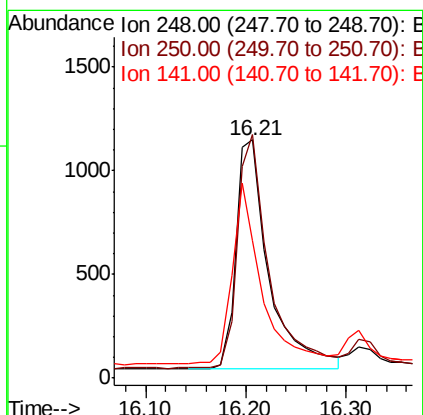
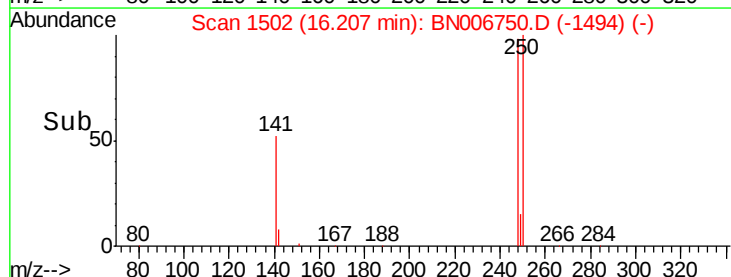
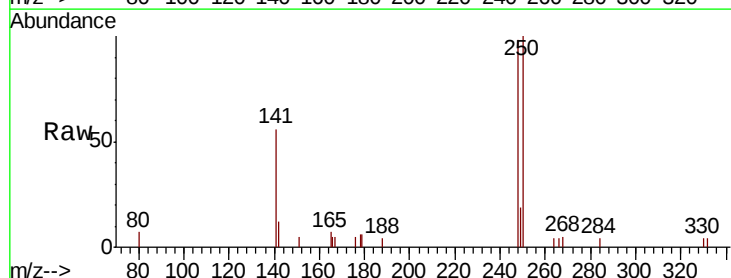
Tgt Ion:248 Resp: 2536

Ion Ratio Lower Upper

248 100

250 102.1 79.0 118.6

141 57.4 50.2 75.4

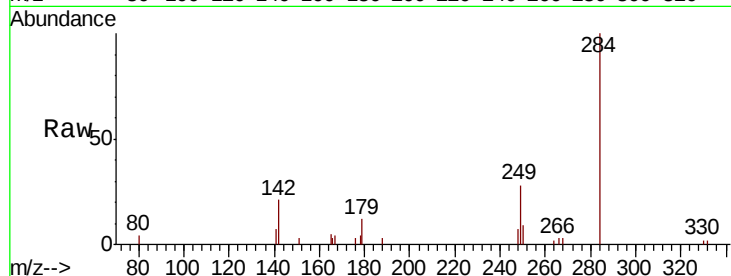




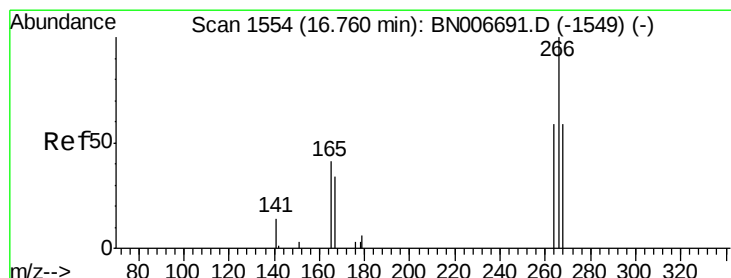
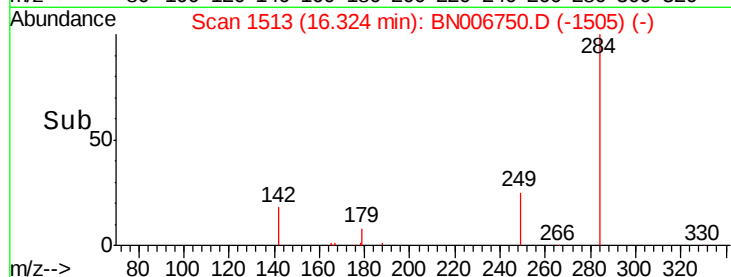
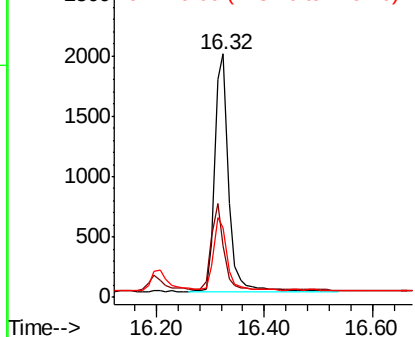
#21
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BN006750.D
Acq: 08 Jul 2019 10:19

Instrument :
BNA_N
ClientSampleId :
PB121012BS

Tot Ion:284 Resp: 3445
Ion Ratio Lower Upper
284 100
142 33.1 26.9 40.3
249 28.4 24.4 36.6

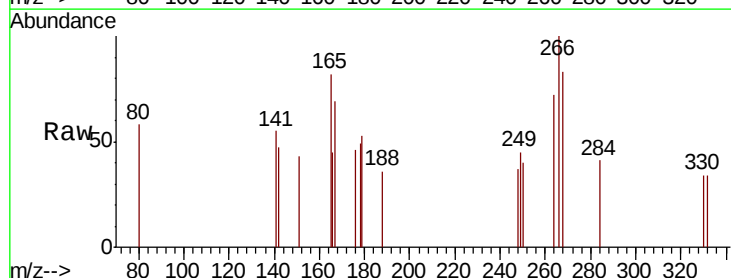


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

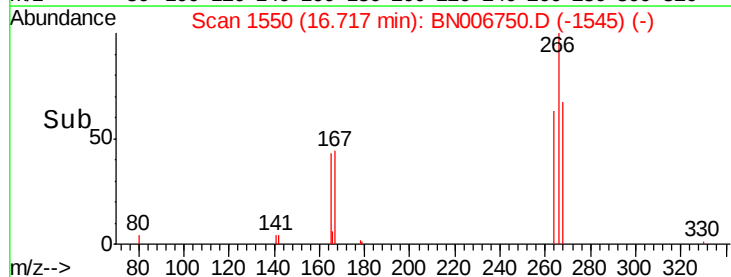
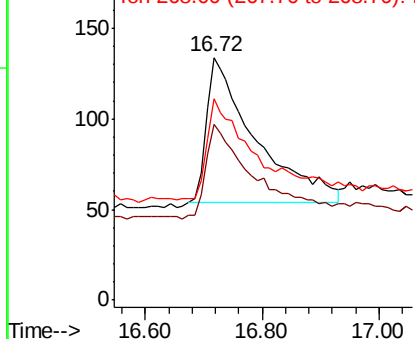


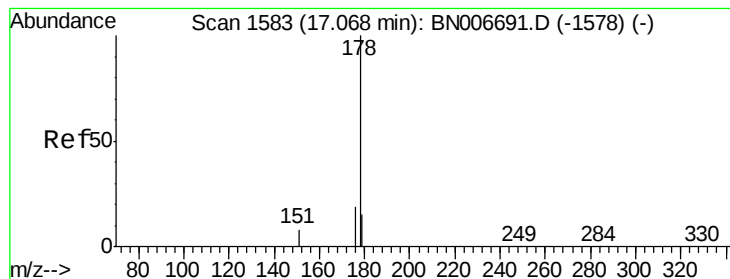
#22
Pentachlorophenol
Concen: 0.469 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006750.D
Acq: 08 Jul 2019 10:19

Tgt Ion:266 Resp: 460
Ion Ratio Lower Upper
266 100
264 72.4 57.6 86.4
268 82.8 66.6 99.8



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: 0.350 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

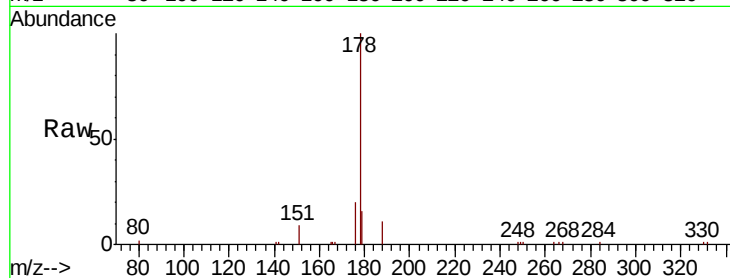
Tot Ion:178 Resp: 13432

Ion Ratio Lower Upper

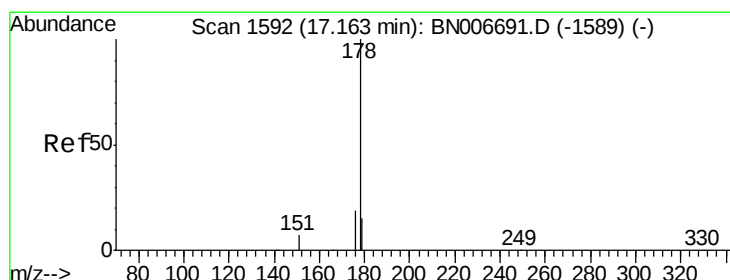
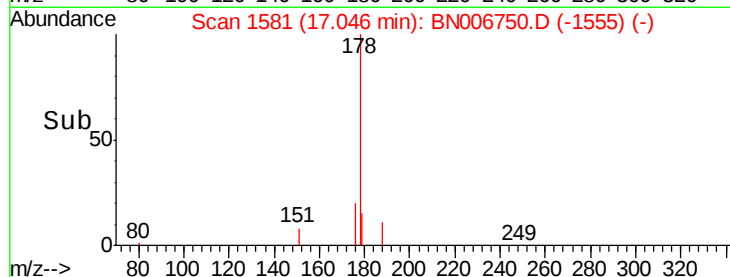
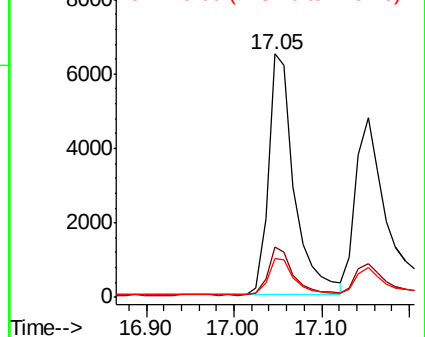
178 100

176 19.3 15.3 22.9

179 15.6 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: 0.326 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

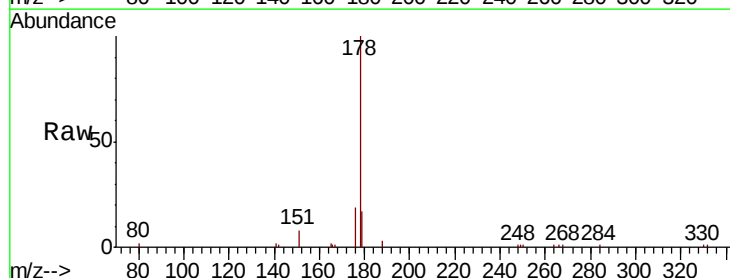
Tgt Ion:178 Resp: 11312

Ion Ratio Lower Upper

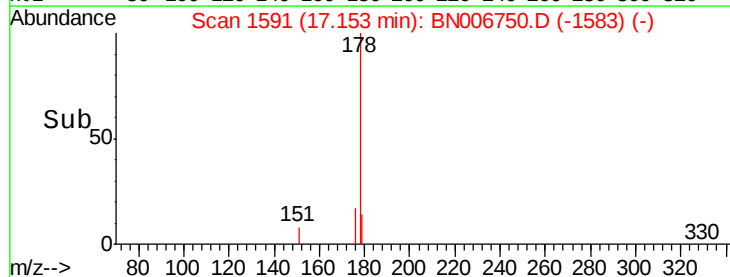
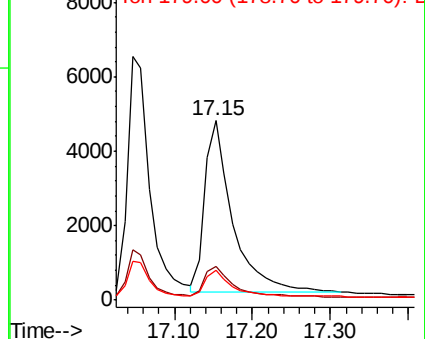
178 100

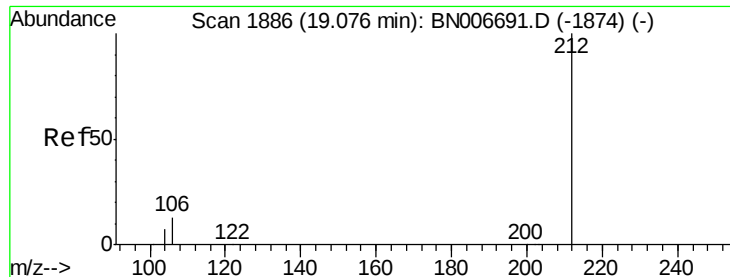
176 18.6 14.8 22.2

179 15.1 11.9 17.9



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: 0.370 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

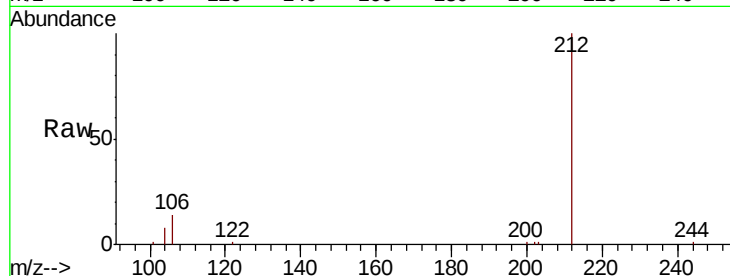
Tot Ion:212 Resp: 14103

Ion Ratio Lower Upper

212 100

106 13.1 11.0 16.6

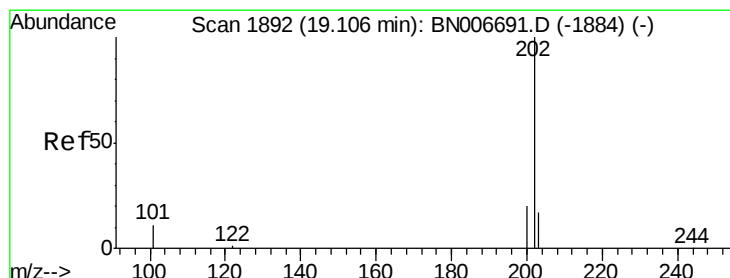
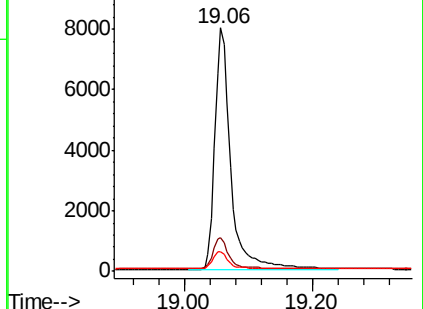
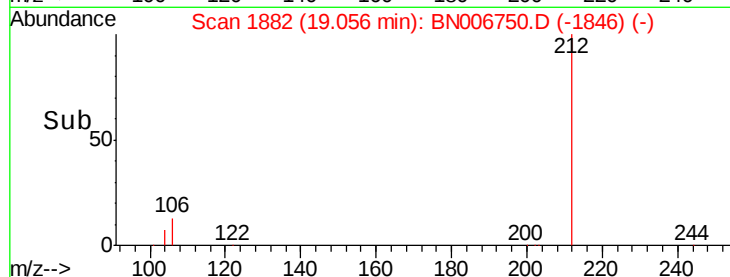
104 7.3 6.1 9.1



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: 0.377 ng

RT: 19.09 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

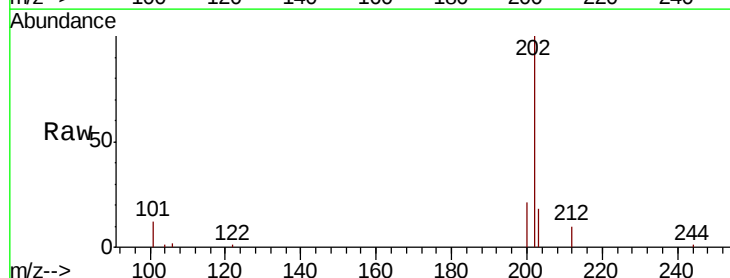
Tgt Ion:202 Resp: 16982

Ion Ratio Lower Upper

202 100

101 10.8 8.7 13.1

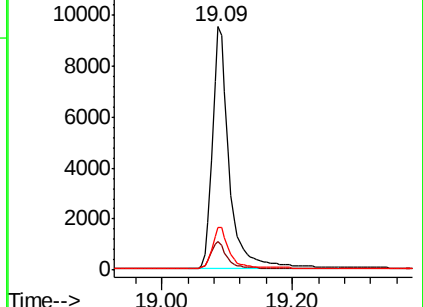
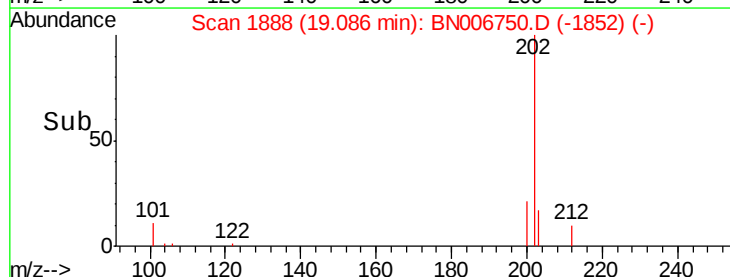
203 17.2 13.8 20.6



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: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

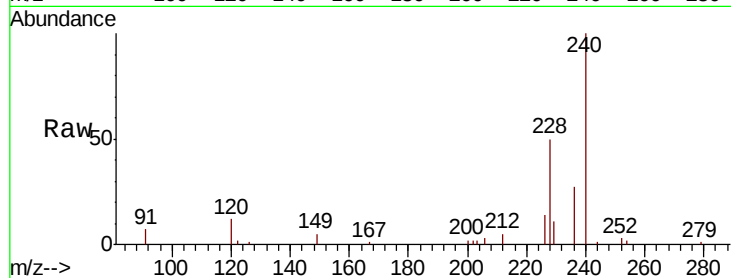
Tot Ion:240 Resp: 13296

Ion Ratio Lower Upper

240 100

120 12.2 12.9 19.3#

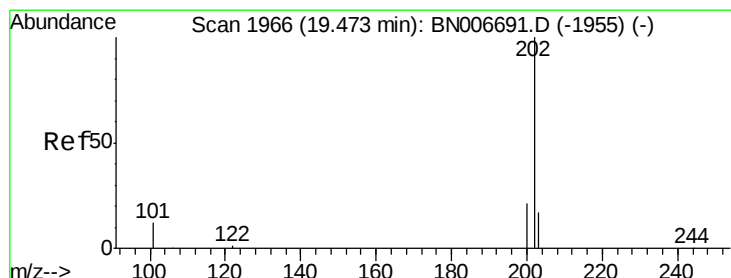
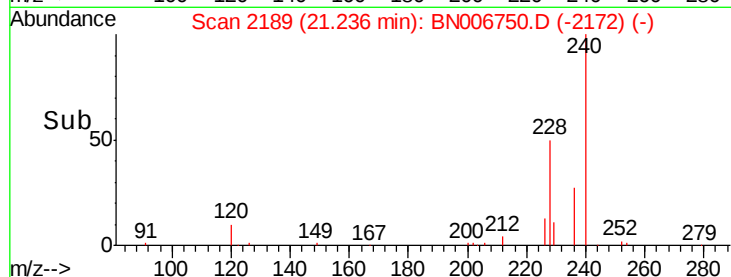
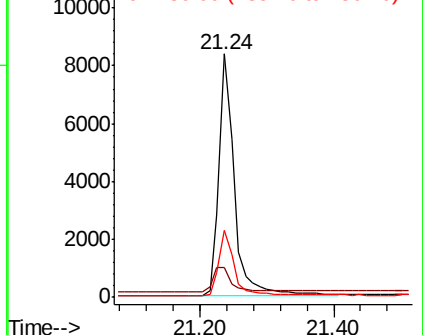
236 27.5 23.2 34.8



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: 0.330 ng

RT: 19.45 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

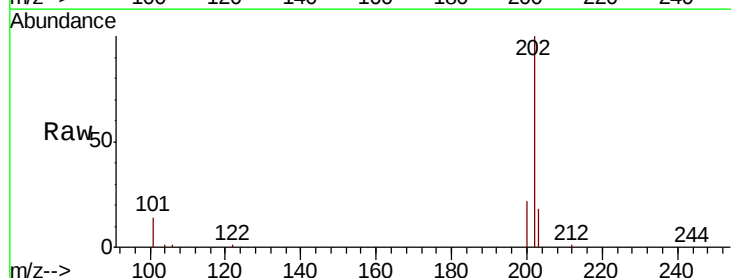
Tgt Ion:202 Resp: 17548

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

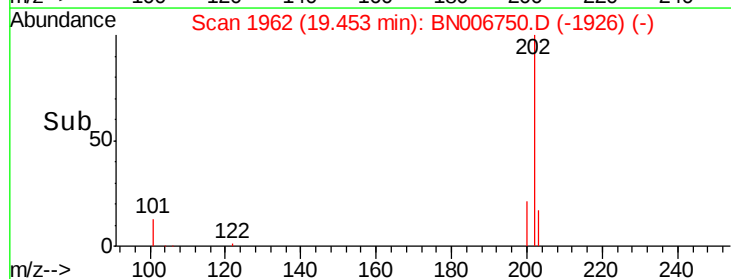
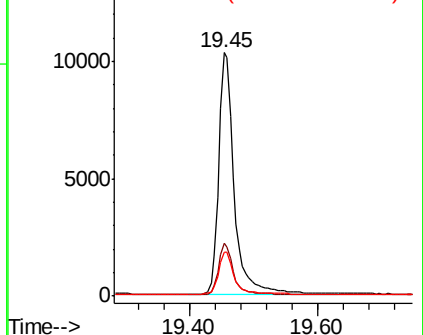
203 18.0 14.2 21.2



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: 0.334 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

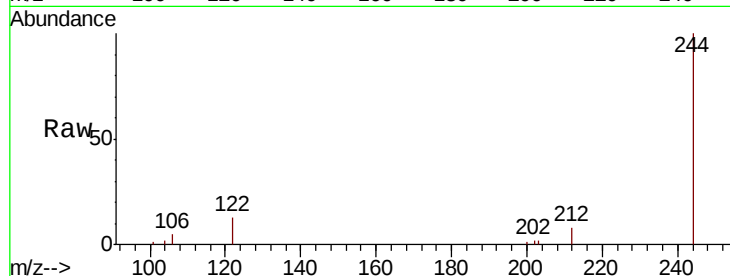
Tot Ion:244 Resp: 10228

Ion Ratio Lower Upper

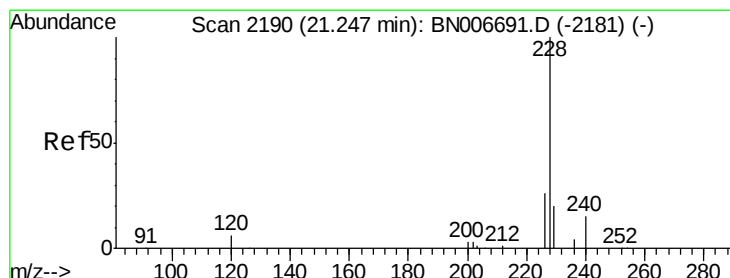
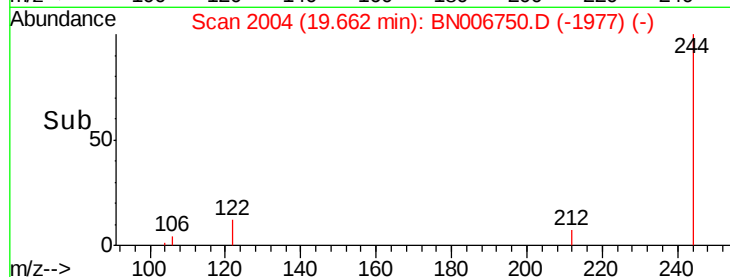
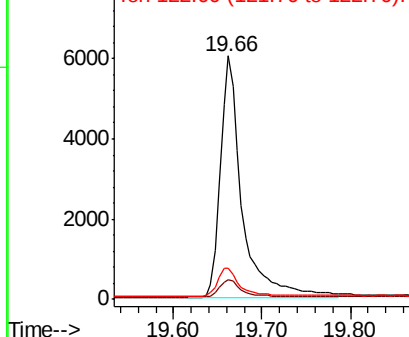
244 100

212 8.3 7.0 10.4

122 12.9 11.5 17.3



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: 0.333 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

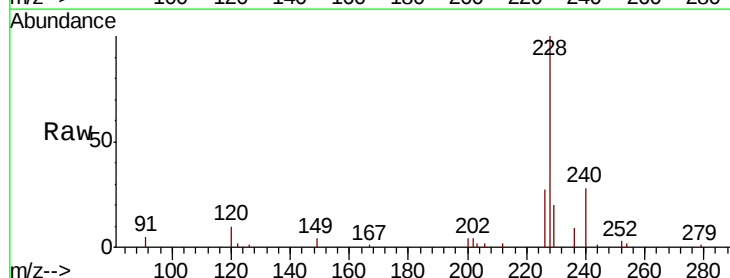
Tgt Ion:228 Resp: 15289

Ion Ratio Lower Upper

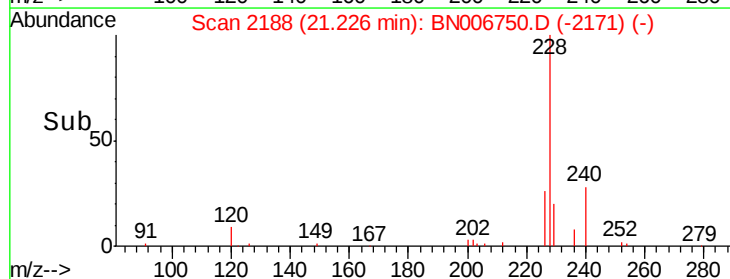
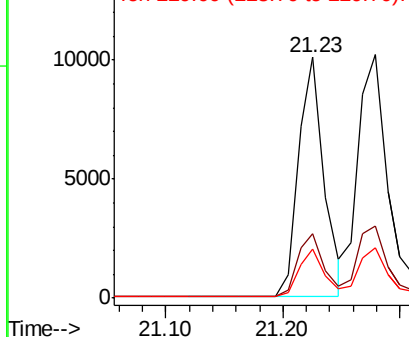
228 100

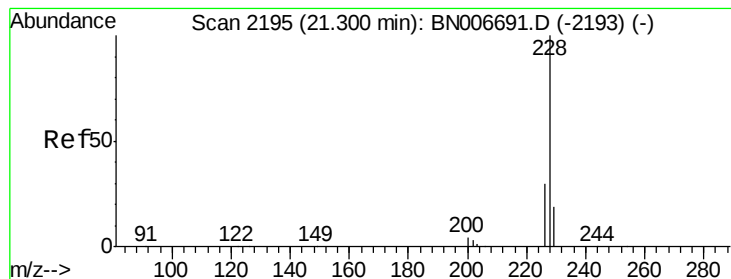
226 26.8 21.5 32.3

229 20.1 16.2 24.4



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: 0.378 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

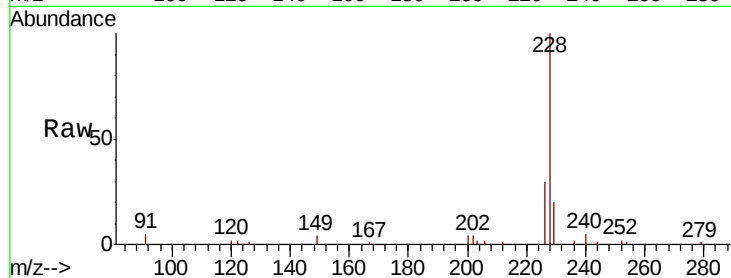
Tot Ion:228 Resp: 17881

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

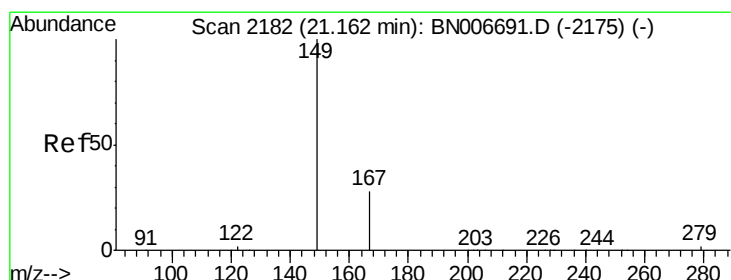
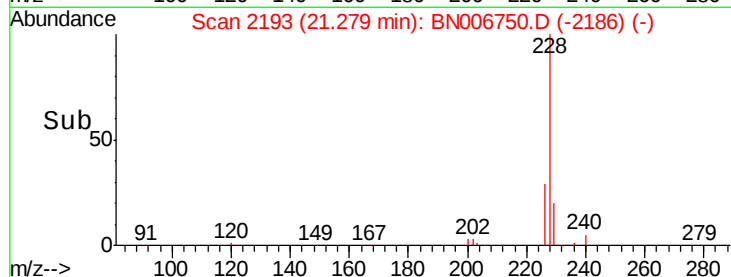
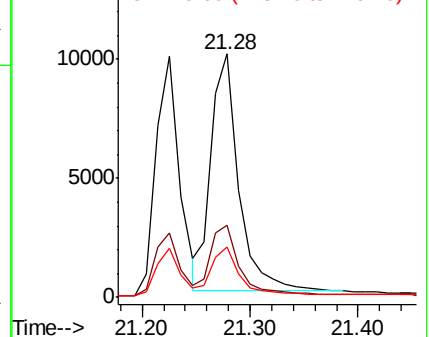
229 20.5 15.8 23.6



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: 0.047 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

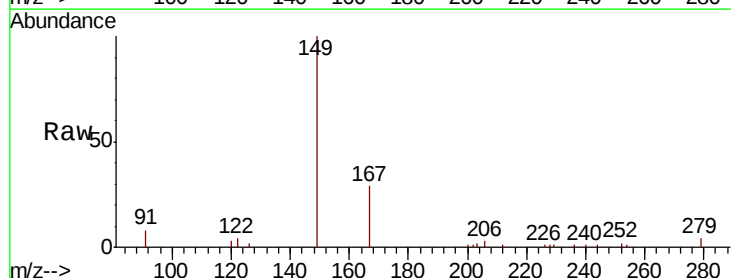
Tgt Ion:149 Resp: 6427

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

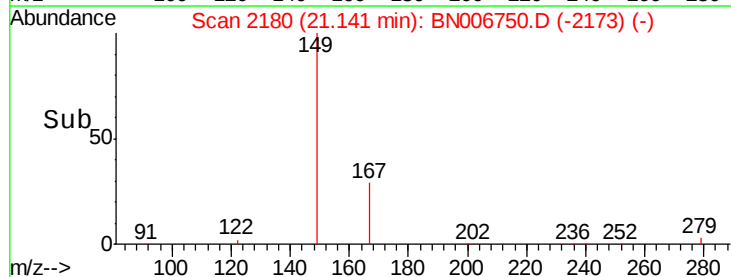
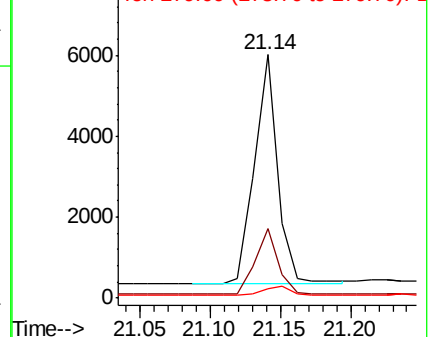
279 4.7 3.2 4.8



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

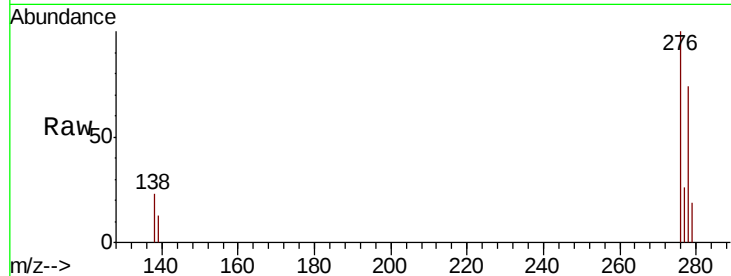




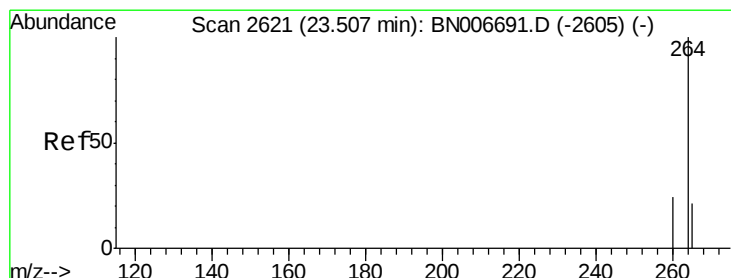
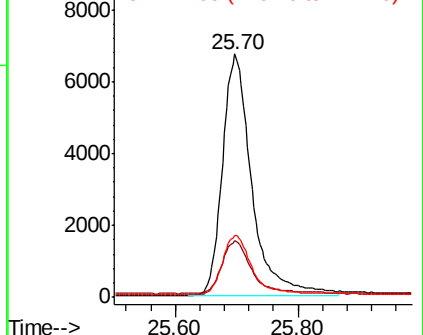
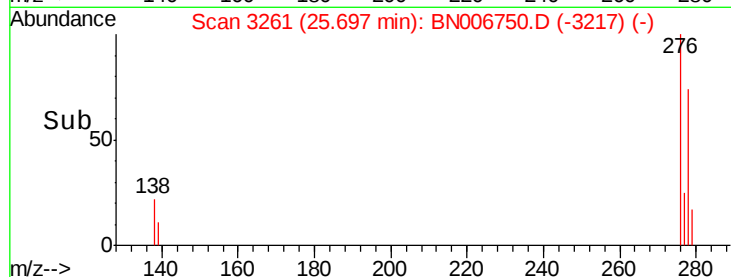
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.394 ng
 RT: 25.70 min Scan# 3261
 Delta R.T. -0.05 min
 Lab File: BN006750.D
 Acq: 08 Jul 2019 10:19

Instrument :
 BNA_N
 ClientSampleId :
 PB121012BS

Tot Ion:276 Resp: 22262
 Ion Ratio Lower Upper
 276 100
 138 21.8 19.5 29.3
 277 25.0 19.7 29.5

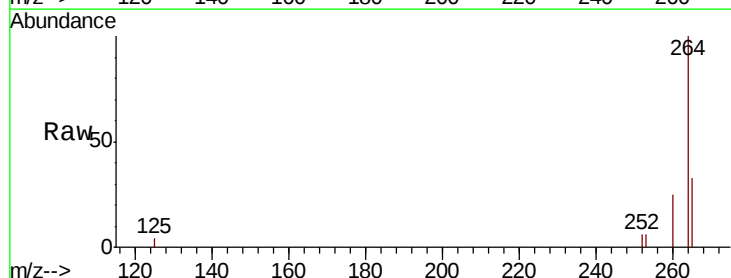


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

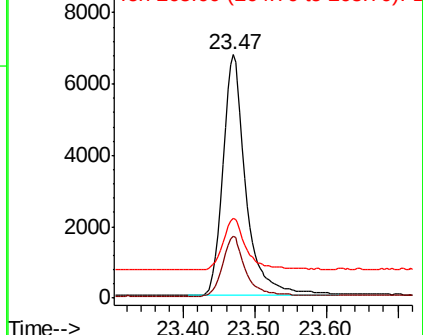
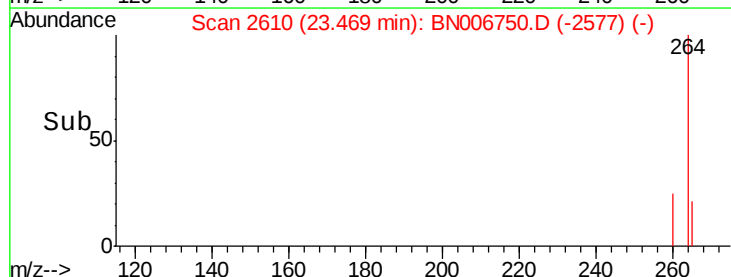


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2610
 Delta R.T. -0.04 min
 Lab File: BN006750.D
 Acq: 08 Jul 2019 10:19

Tgt Ion:264 Resp: 15243
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 32.8 33.7 50.5#



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: 0.354 ng

RT: 22.80 min Scan# 2415

Delta R.T. -0.03 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

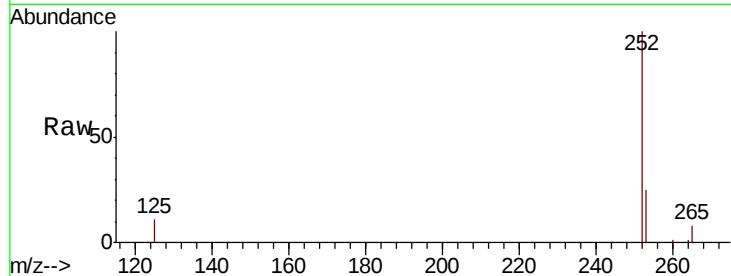
Tot Ion:252 Resp: 17334

Ion Ratio Lower Upper

252 100

253 24.7 20.2 30.2

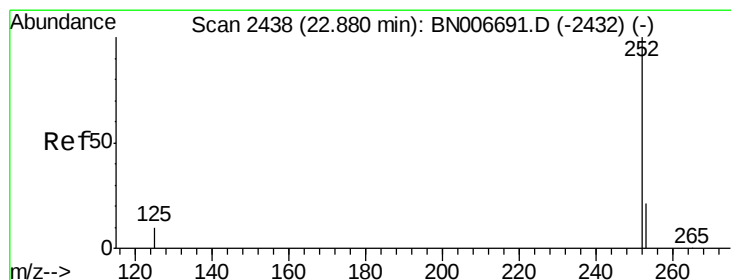
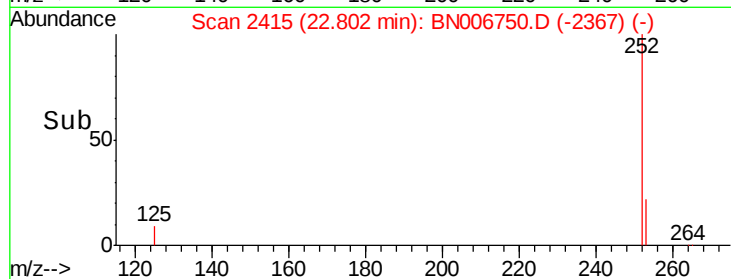
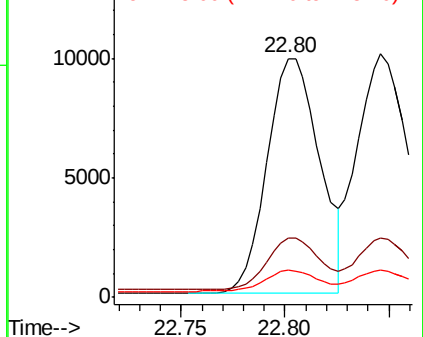
125 11.2 11.5 17.3#



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



#36

Benzo(k)fluoranthene

Concen: 0.386 ng

RT: 22.85 min Scan# 2428

Delta R.T. -0.03 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

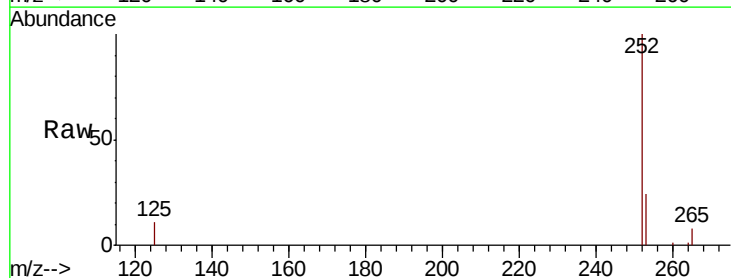
Tgt Ion:252 Resp: 20456

Ion Ratio Lower Upper

252 100

253 24.4 20.1 30.1

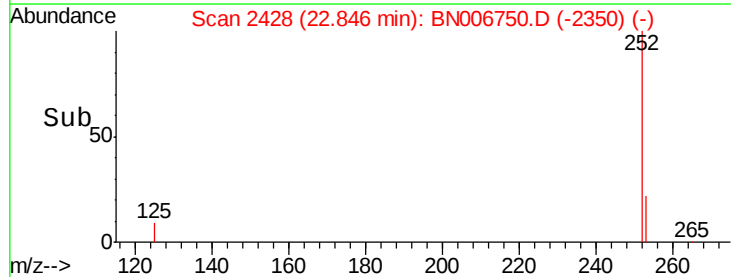
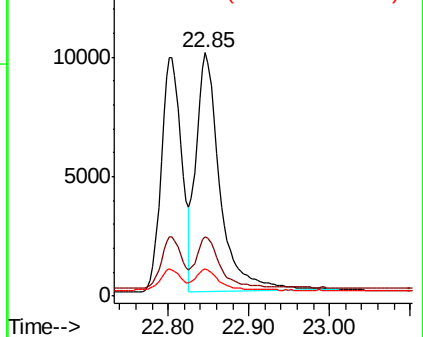
125 11.3 11.4 17.0#



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: 0.387 ng

RT: 23.38 min Scan# 2583

Delta R.T. -0.03 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

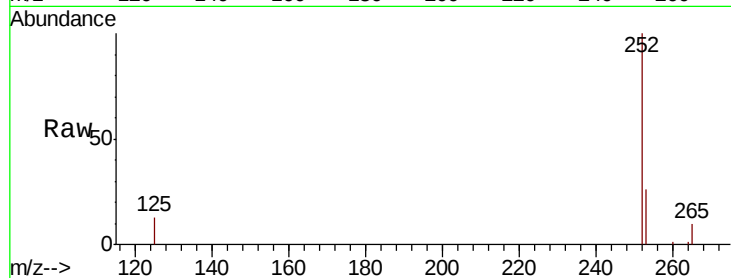
Tot Ion:252 Resp: 18344

Ion Ratio Lower Upper

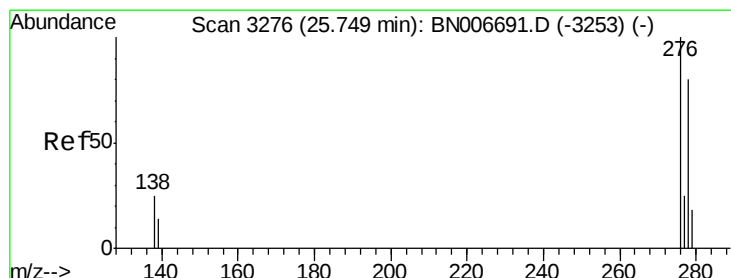
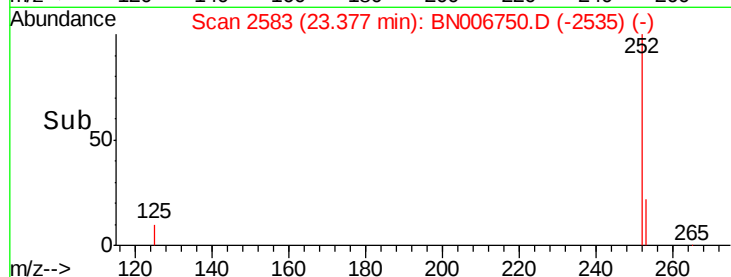
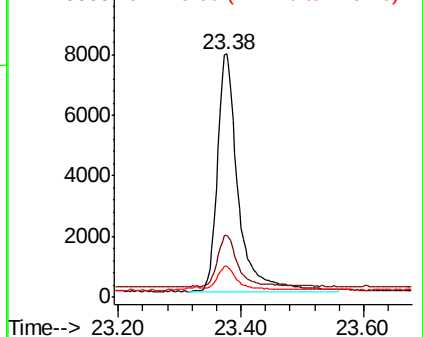
252 100

253 25.6 21.4 32.2

125 12.6 13.3 19.9#



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: 0.378 ng

RT: 25.70 min Scan# 3262

Delta R.T. -0.05 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

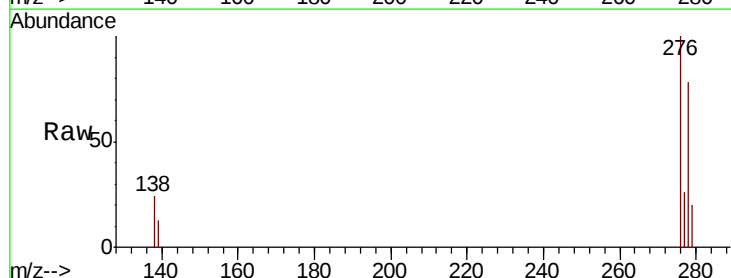
Tgt Ion:278 Resp: 17797

Ion Ratio Lower Upper

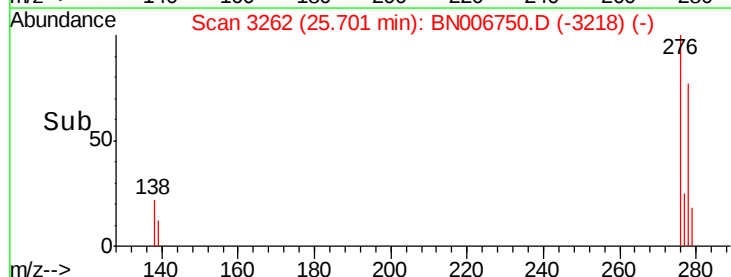
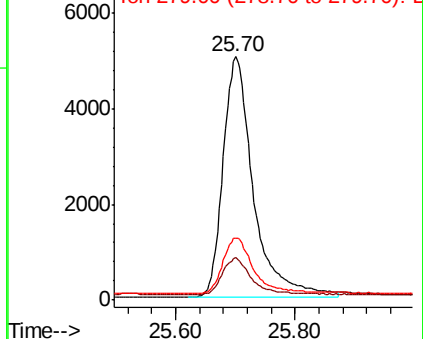
278 100

139 17.3 16.2 24.4

279 25.4 20.7 31.1



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: 0.409 ng

RT: 26.38 min Scan# 3460

Delta R.T. -0.05 min

Lab File: BN006750.D

Acq: 08 Jul 2019 10:19

Instrument :

BNA_N

ClientSampleId :

PB121012BS

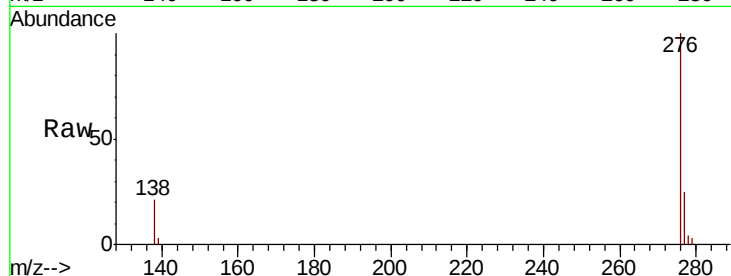
Tot Ion:276 Resp: 19809

Ion Ratio Lower Upper

276 100

277 24.8 20.6 30.8

138 20.9 19.7 29.5



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

