

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006736.D
 Acq On : 06 Jul 2019 03:33
 Operator : HP/JU
 Sample : PB121057BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121057BSD

Quant Time: Jul 06 05:13:15 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	2899	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	10932	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	6054	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	13423	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	12474	0.40	ng	-0.03
34) Perylene-d12	23.45	264	14784	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	2327	0.30	ng	0.00
5) Phenol-d6	6.81	99	3207	0.32	ng	-0.02
8) Nitrobenzene-d5	8.78	82	2704	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	8229	0.50	ng	-0.02
14) 2,4,6-Tribromophenol	15.78	330	734	0.25	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	8955	0.38	ng	-0.02
25) Fluoranthene-d10	19.05	212	14338	0.37	ng	-0.02
29) Terphenyl-d14	19.66	244	10849	0.38	ng	-0.02

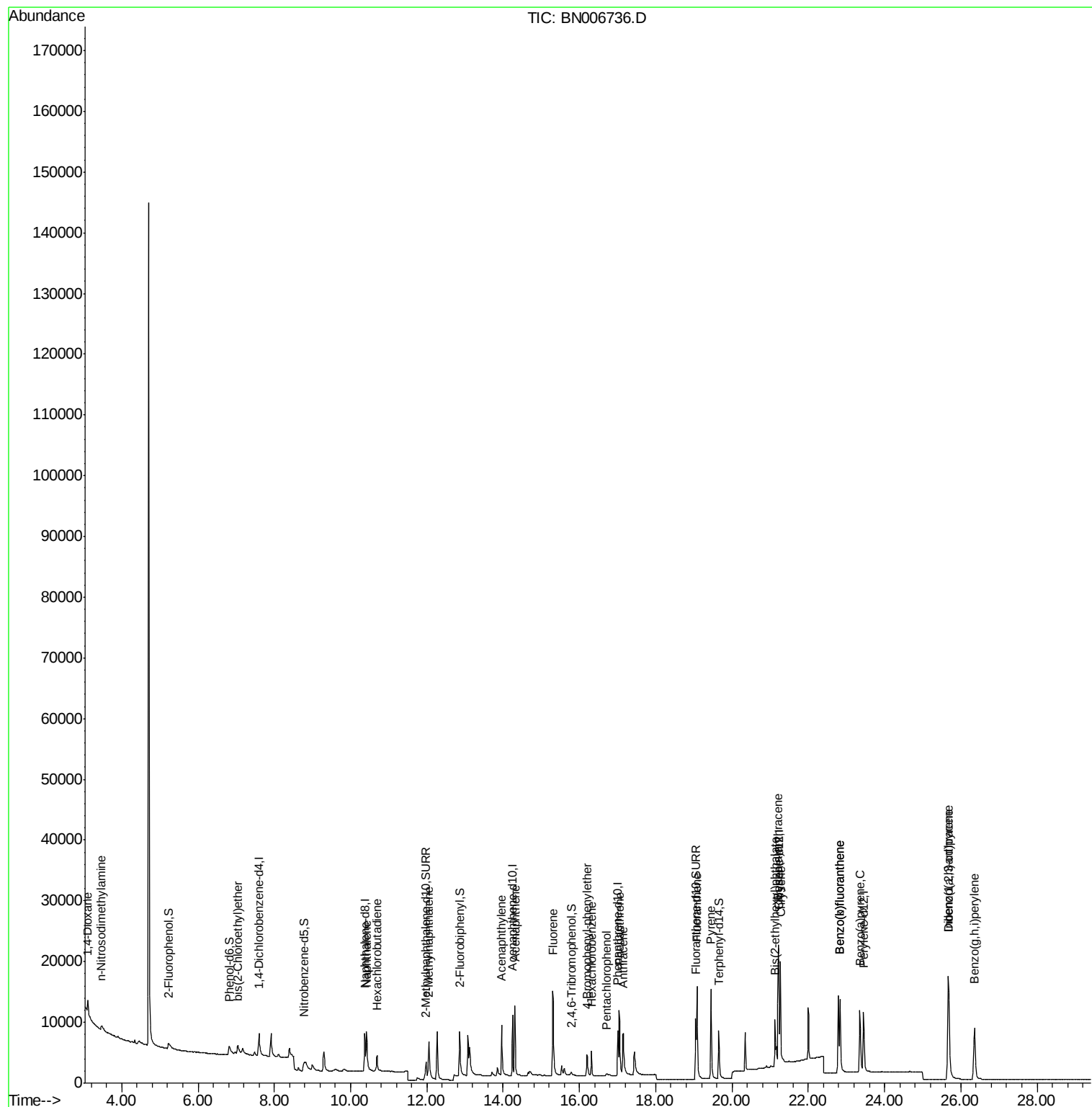
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	1233	0.272	ng	# 1
3) n-Nitrosodimethylamine	3.47	42	1092	0.320	ng	92
6) bis(2-Chloroethyl)ether	7.04	93	2672	0.317	ng	# 91
9) Naphthalene	10.42	128	10972	0.367	ng	100
10) Hexachlorobutadiene	10.69	225	2180	0.360	ng	# 100
12) 2-Methylnaphthalene	12.05	142	7127	0.331	ng	98
16) Acenaphthylene	13.96	152	10798	0.358	ng	99
17) Acenaphthene	14.31	154	7008	0.364	ng	98
18) Fluorene	15.31	166	8700	0.364	ng	99
20) 4-Bromophenyl-phenylether	16.20	248	2670	0.338	ng	# 88
21) Hexachlorobenzene	16.31	284	3533	0.375	ng	100
22) Pentachlorophenol	16.72	266	661	0.612	ng	92
23) Phenanthrene	17.05	178	13550	0.350	ng	100
24) Anthracene	17.15	178	11730	0.335	ng	100
26) Fluoranthene	19.09	202	16523	0.364	ng	100
28) Pyrene	19.45	202	17064	0.342	ng	99
30) Benzo(a)anthracene	21.22	228	14642	0.340	ng	100
31) Chrysene	21.27	228	16756	0.378	ng	100
32) Bis(2-ethylhexyl)phthalate	21.13	149	6477	0.050	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	22522	0.425	ng	98
35) Benzo(b)fluoranthene	22.83	252	18783	0.396	ng	97
36) Benzo(k)fluoranthene	22.83	252	19505	0.379	ng	97
37) Benzo(a)pyrene	23.36	252	17592	0.383	ng	# 96
38) Dibenzo(a,h)anthracene	25.68	278	18058	0.395	ng	96
39) Benzo(g,h,i)perylene	26.36	276	19669	0.418	ng	95

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

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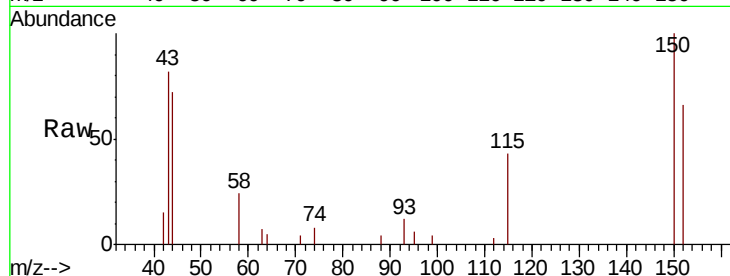


#1

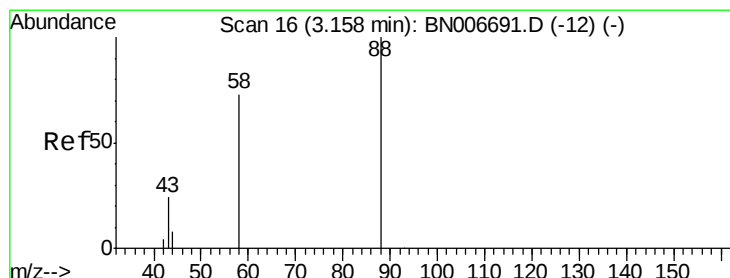
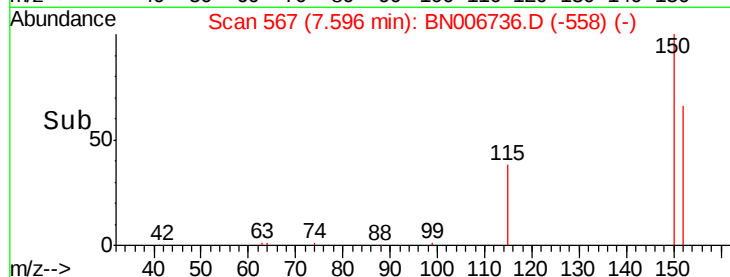
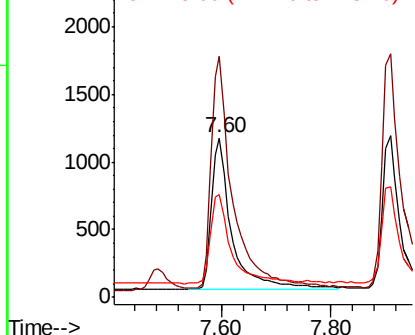
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion: 152 Resp: 2899
Ion Ratio Lower Upper
152 100
150 151.4 120.6 181.0
115 64.6 51.0 76.6



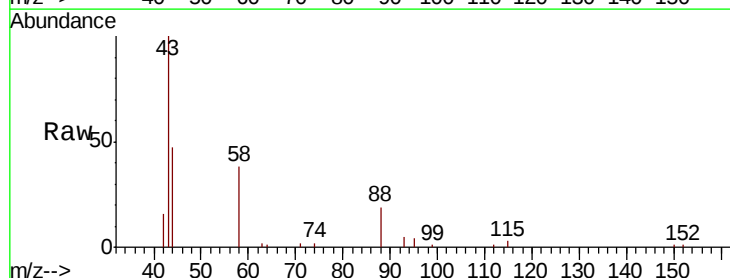
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



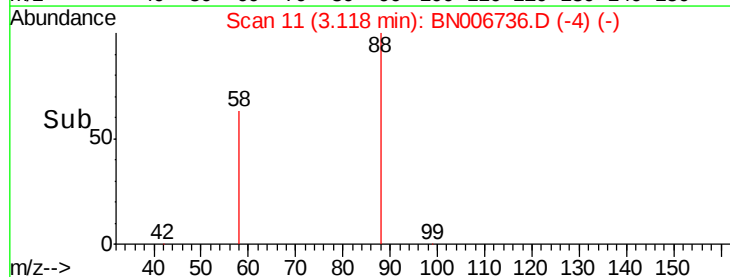
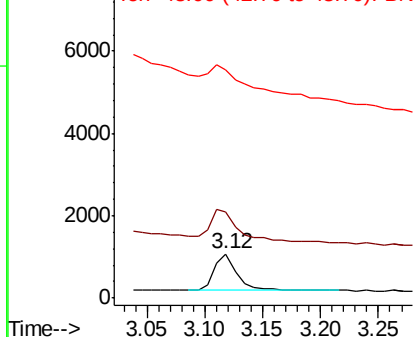
#2

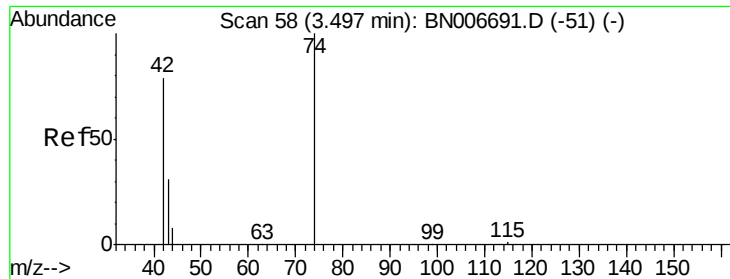
1,4-Dioxane
Concen: 0.272 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion: 88 Resp: 1233
Ion Ratio Lower Upper
88 100
58 115.5 61.1 91.7#
43 186.1 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: 0.320 ng

RT: 3.47 min Scan# 55

Delta R.T. -0.02 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

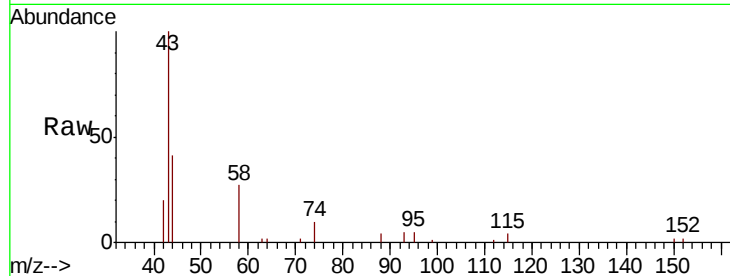
Tgt Ion: 42 Resp: 1092

Ion Ratio Lower Upper

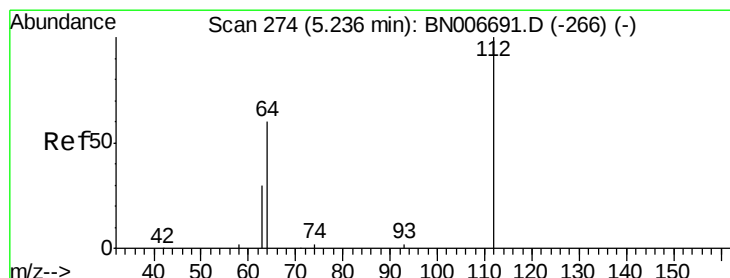
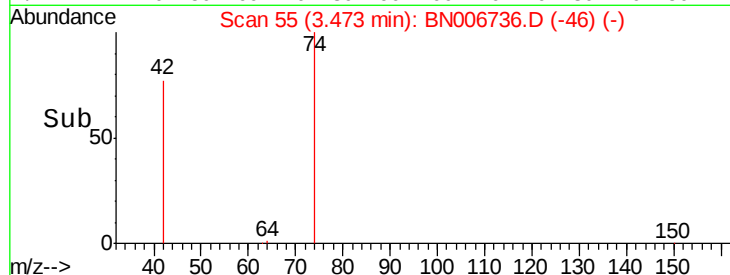
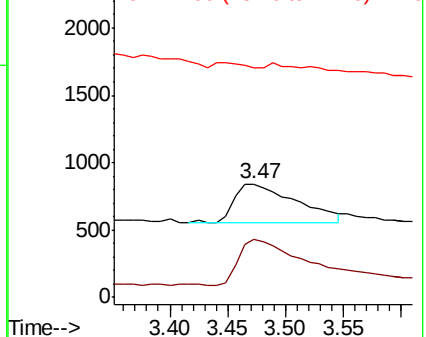
42 100

74 122.9 106.6 160.0

44 10.6 8.0 12.0



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.296 ng

RT: 5.23 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

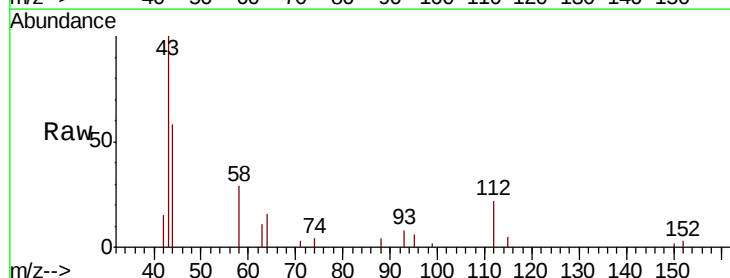
Tgt Ion: 112 Resp: 2327

Ion Ratio Lower Upper

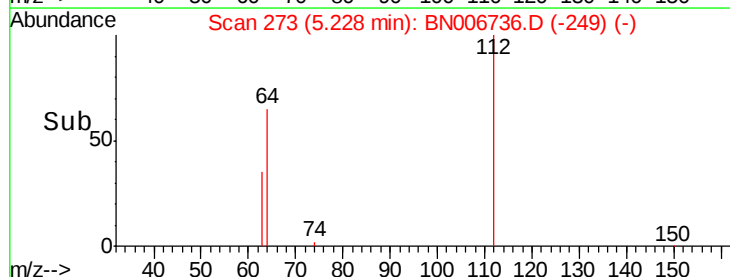
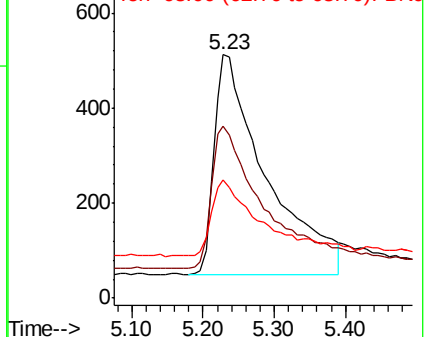
112 100

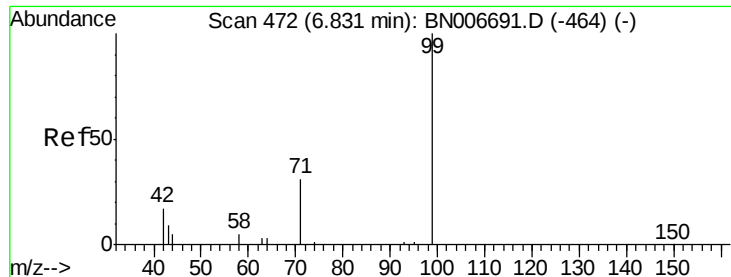
64 65.6 49.8 74.6

63 34.4 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.322 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

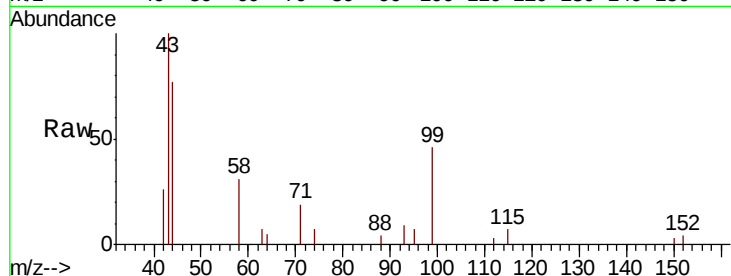
Tgt Ion: 99 Resp: 3207

Ion Ratio Lower Upper

99 100

42 22.9 16.6 25.0

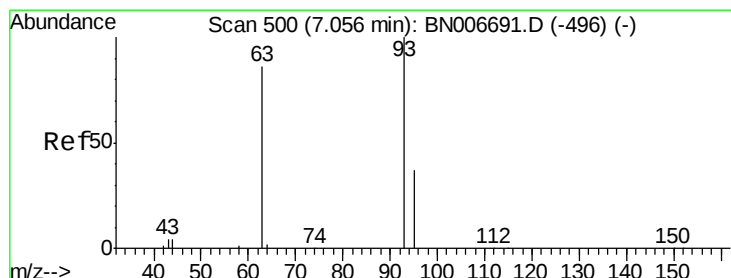
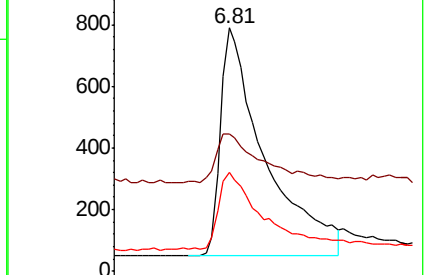
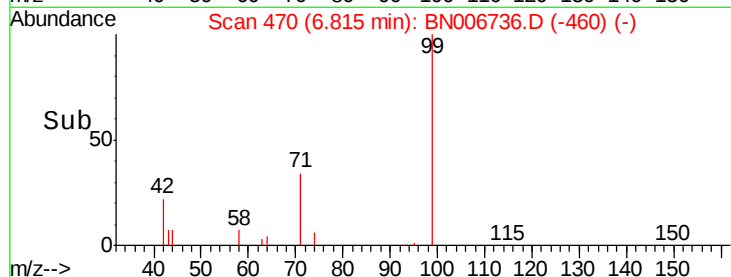
71 33.5 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006736.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006736.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006736.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.317 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

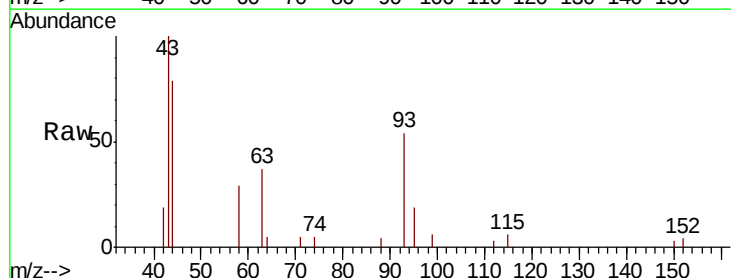
Tgt Ion: 93 Resp: 2672

Ion Ratio Lower Upper

93 100

63 67.7 58.6 87.8

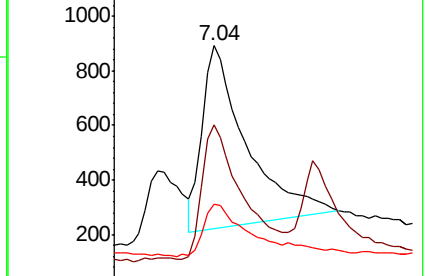
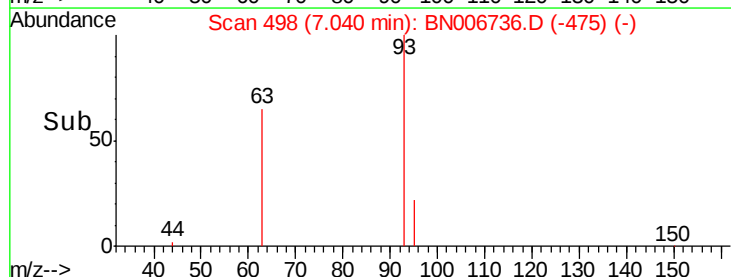
95 27.0 28.3 42.5#



Abundance Ion 93.00 (92.70 to 93.70): BN006736.D (-475) (-)

Ion 63.00 (62.70 to 63.70): BN006736.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BN006736.D (-475) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

Tgt Ion: 136 Resp: 10932

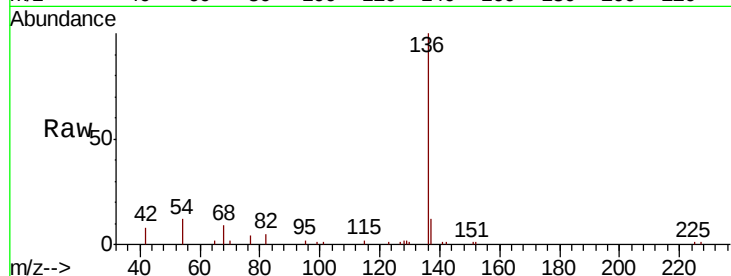
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 12.3 8.4 12.6

68 9.4 6.8 10.2

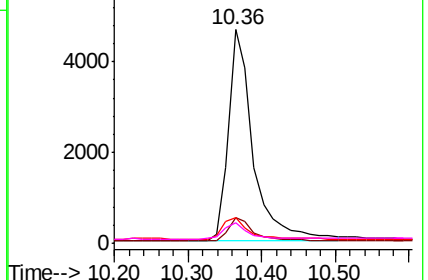
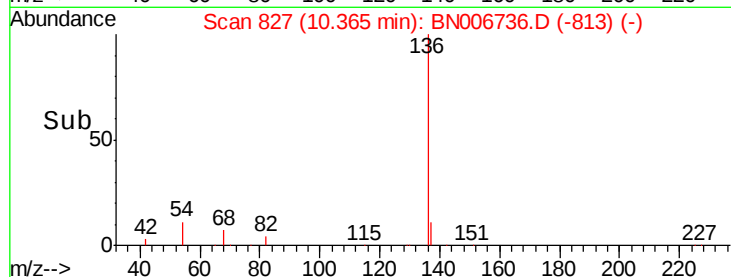


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.322 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

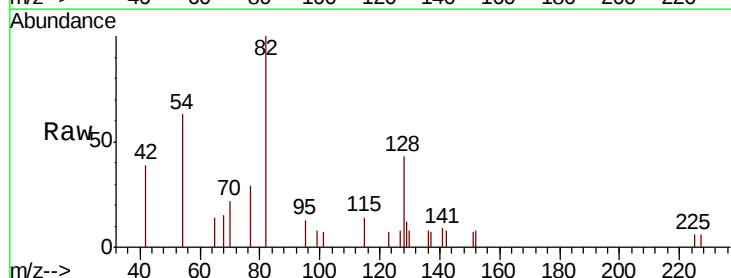
Tgt Ion: 82 Resp: 2704

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

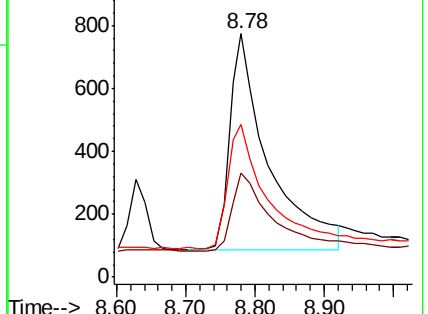
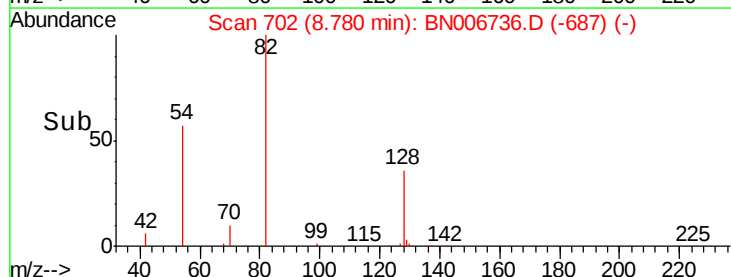
54 62.9 44.5 66.7

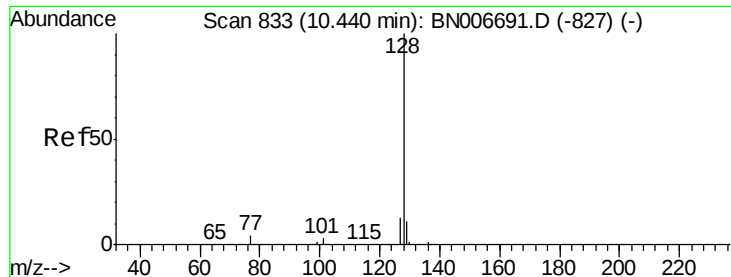


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.367 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

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ClientSampleId :

PB121057BSD

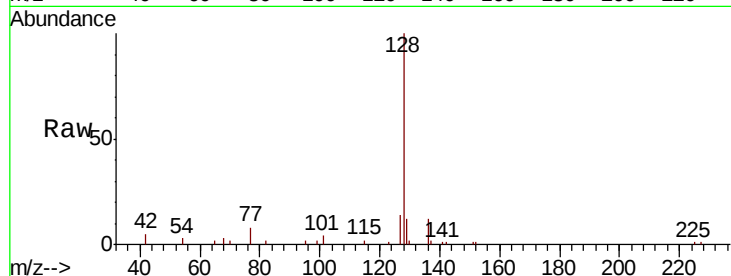
Tgt Ion:128 Resp: 10972

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

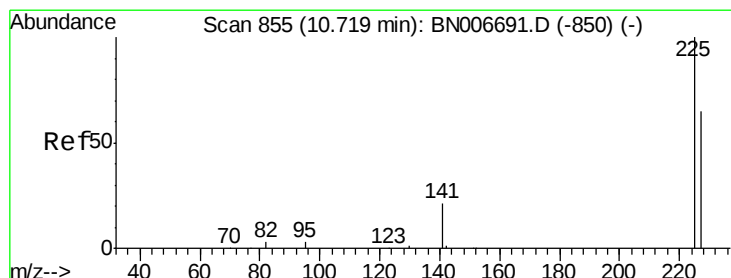
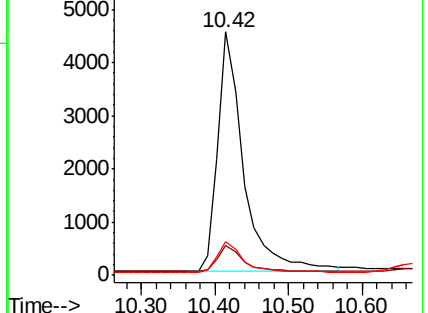
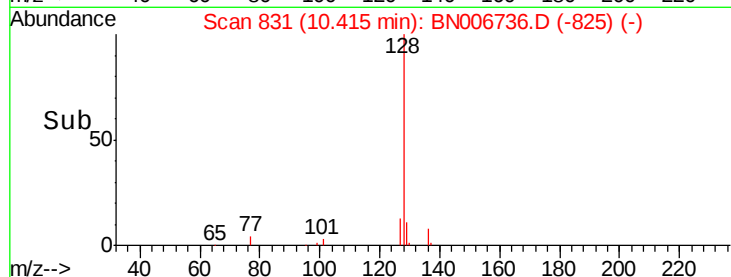
127 13.9 11.0 16.4



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: 0.360 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

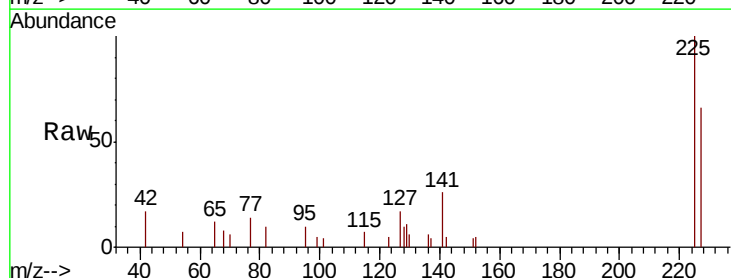
Tgt Ion:225 Resp: 2180

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

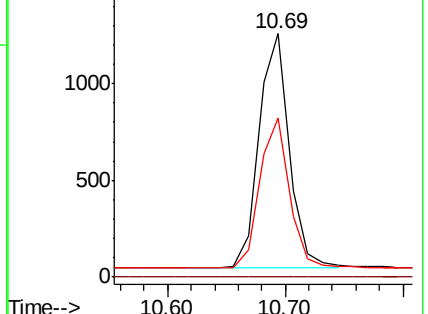
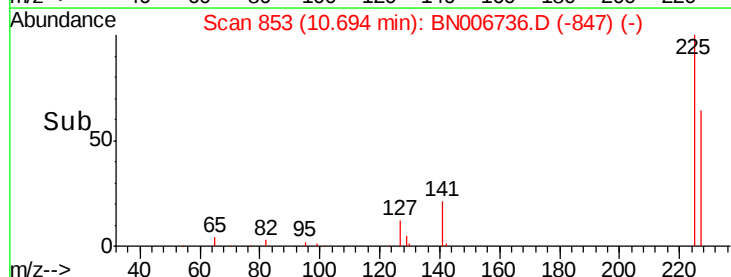
227 63.2 50.9 76.3

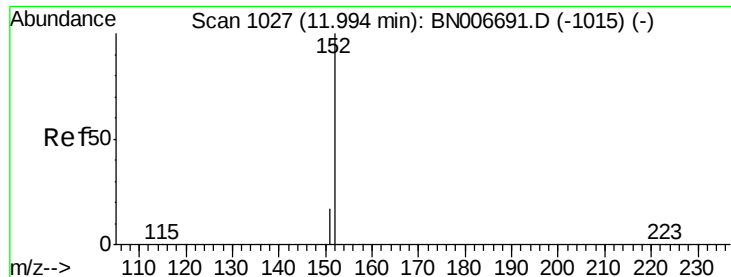


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

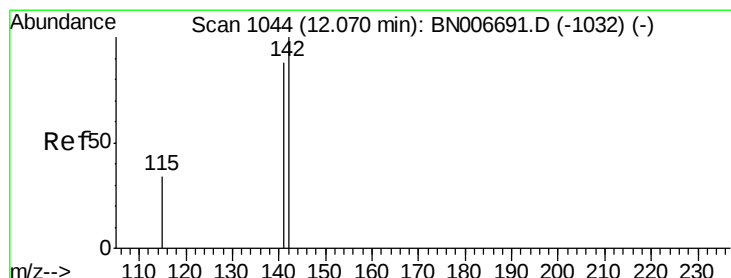
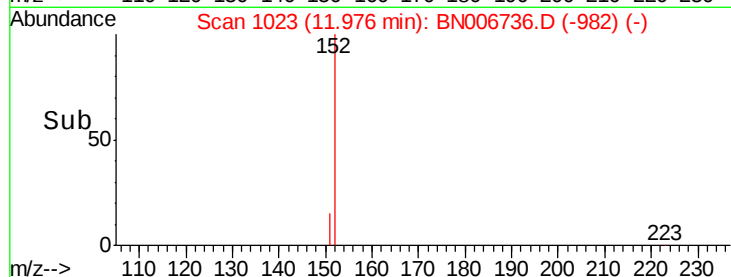
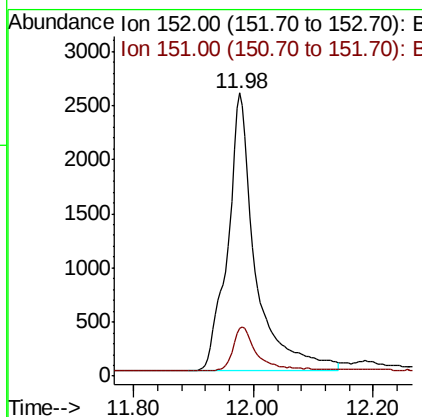
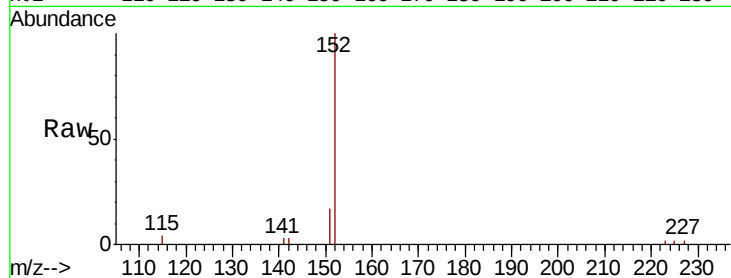




#11
 2-Methylnaphthalene-d10
 Concen: 0.501 ng
 RT: 11.98 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BN006736.D
 Acq: 06 Jul 2019 03:33

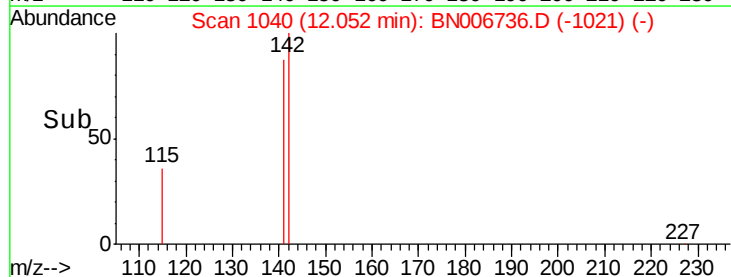
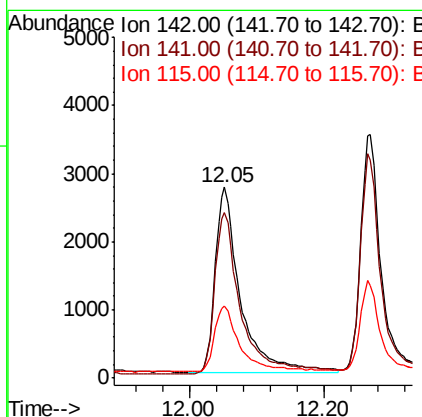
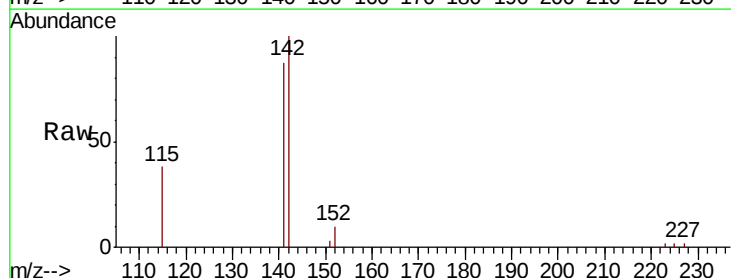
Instrument :
 BNA_N
 ClientSampleId :
 PB121057BSD

Tgt Ion:152 Resp: 8229
 Ion Ratio Lower Upper
 152 100
 151 14.0 14.9 22.3#



#12
 2-Methylnaphthalene
 Concen: 0.331 ng
 RT: 12.05 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BN006736.D
 Acq: 06 Jul 2019 03:33

Tgt Ion:142 Resp: 7127
 Ion Ratio Lower Upper
 142 100
 141 87.1 70.3 105.5
 115 38.1 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: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

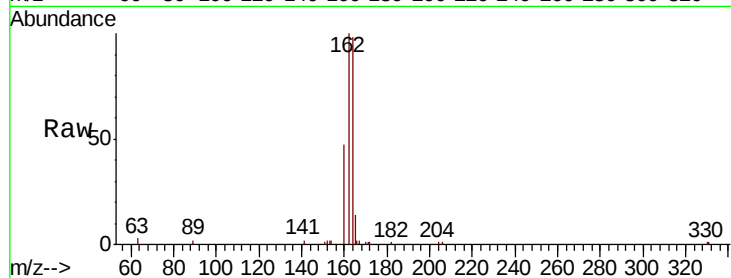
Tgt Ion:164 Resp: 6054

Ion Ratio Lower Upper

164 100

162 101.9 80.8 121.2

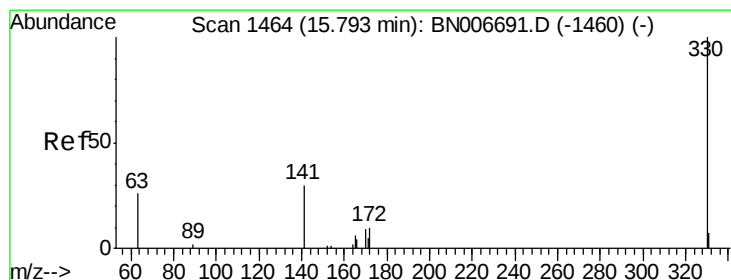
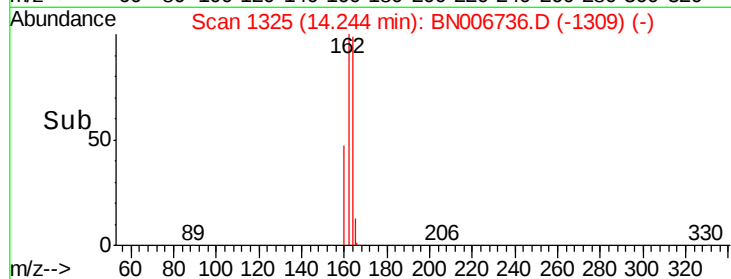
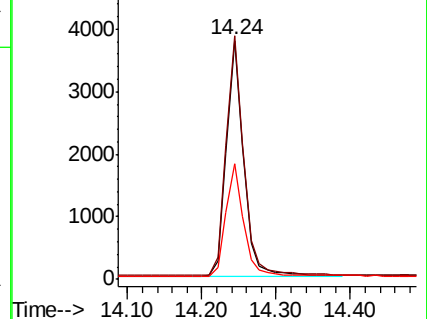
160 48.2 37.0 55.6



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: 0.247 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

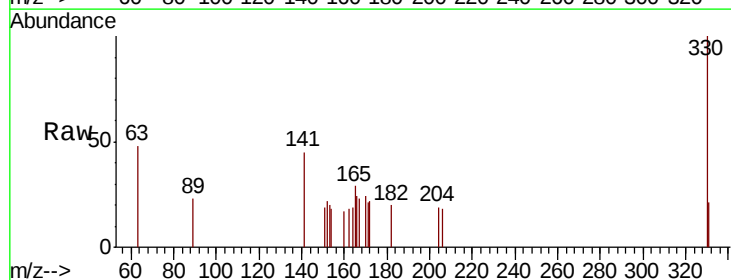
Tgt Ion:330 Resp: 734

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

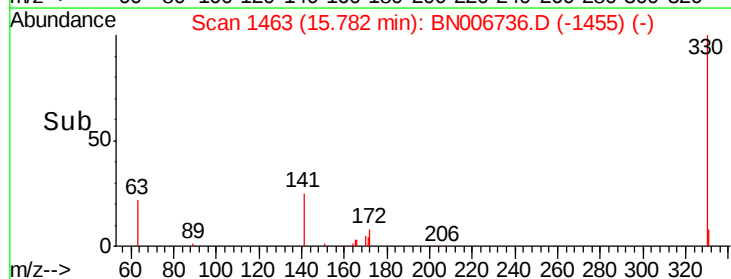
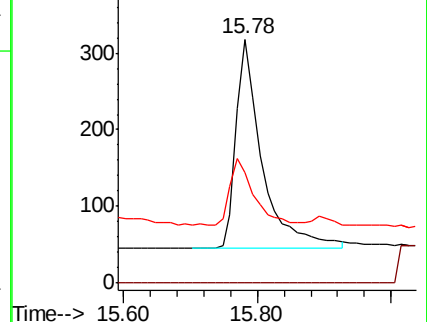
141 28.3 24.8 37.2



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

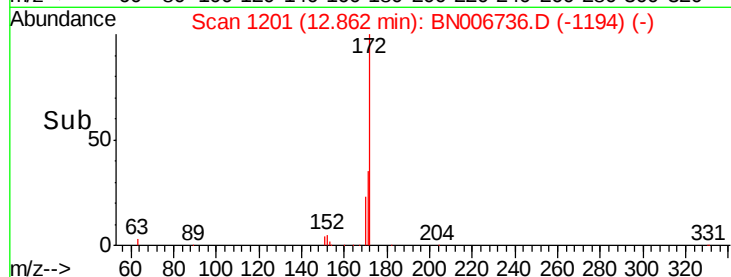
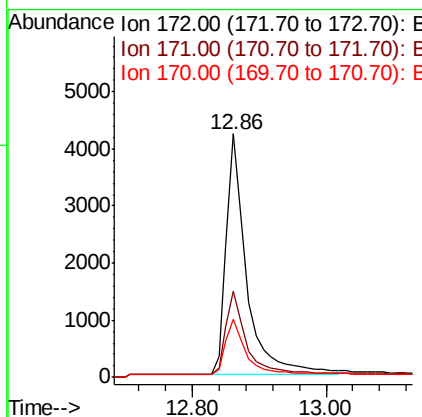
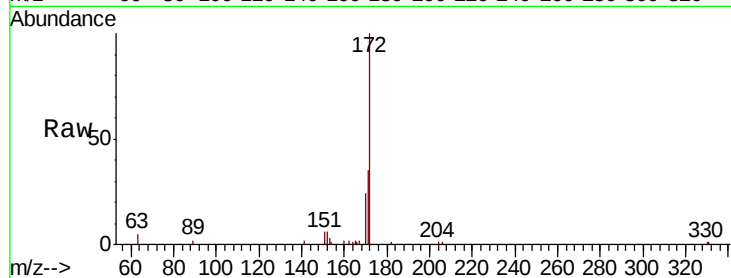




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

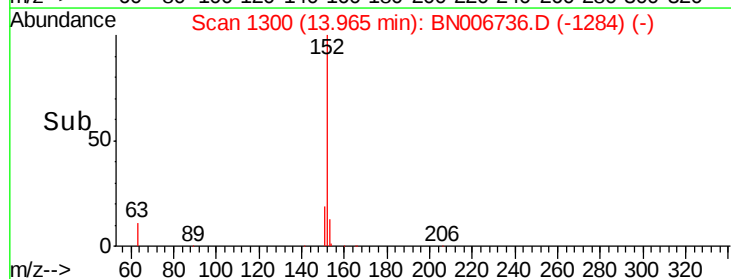
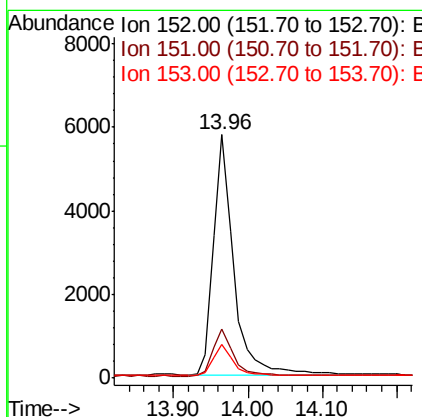
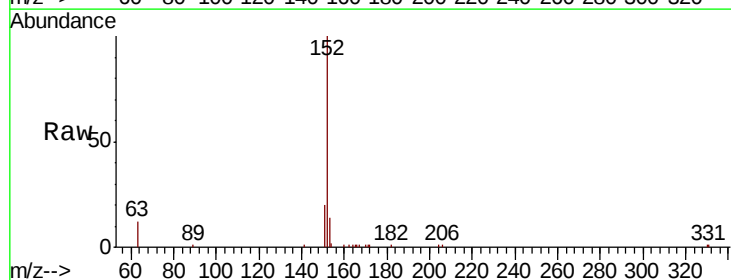
Instrument :
BNA_N
ClientSampleId :
PB121057BSD

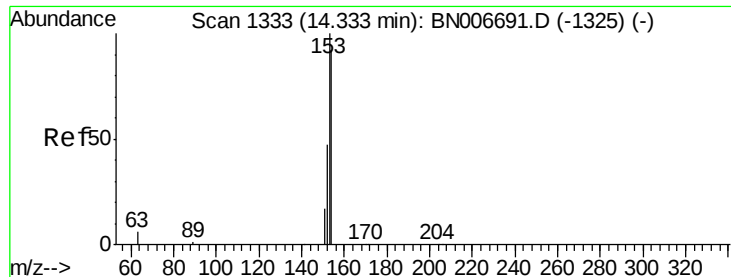
Tgt Ion:172 Resp: 8955
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.0 18.9 28.3



#16
Acenaphthylene
Concen: 0.358 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:152 Resp: 10798
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 0.364 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

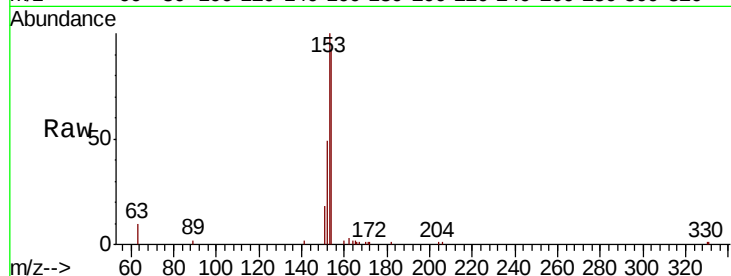
Tgt Ion:154 Resp: 7008

Ion Ratio Lower Upper

154 100

153 112.9 88.9 133.3

152 55.9 42.8 64.2

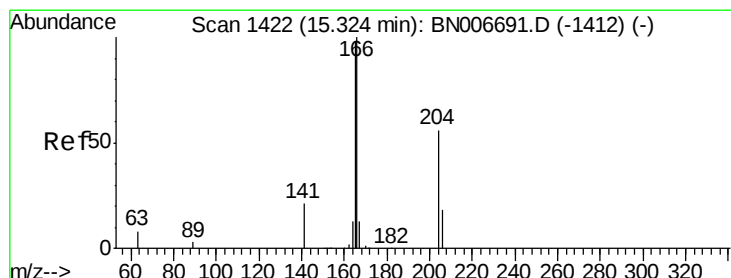
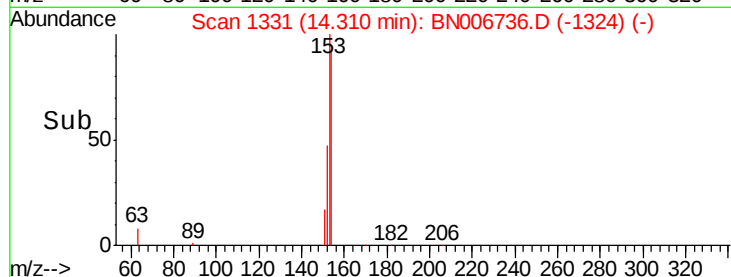
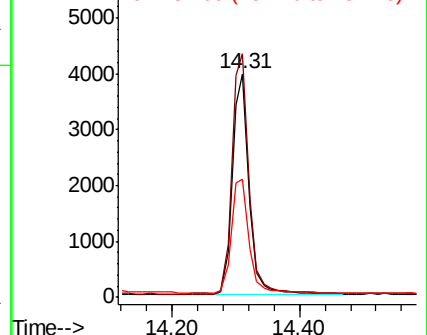


Abundance

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: 0.364 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

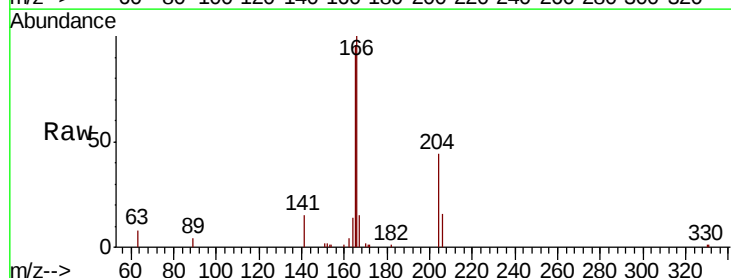
Tgt Ion:166 Resp: 8700

Ion Ratio Lower Upper

166 100

165 98.0 78.0 117.0

167 13.5 10.7 16.1

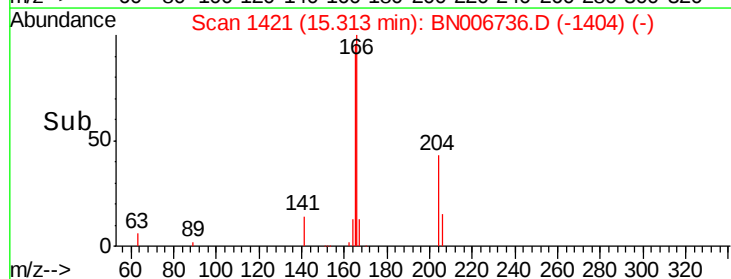
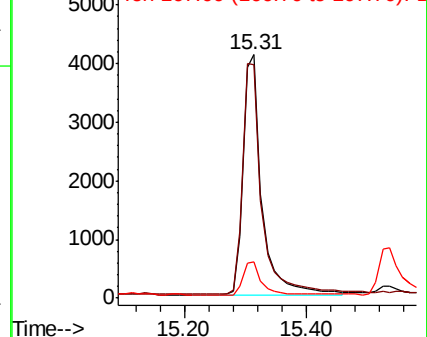


Abundance

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: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

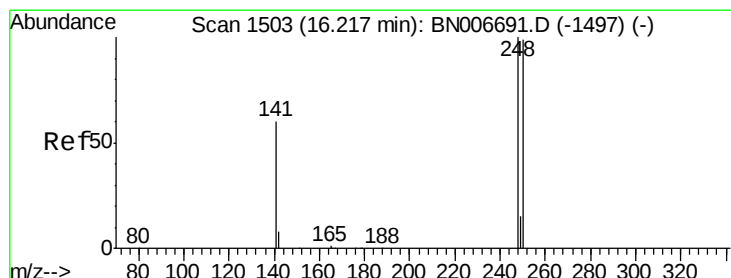
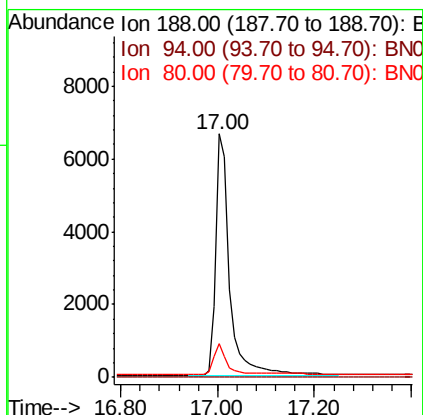
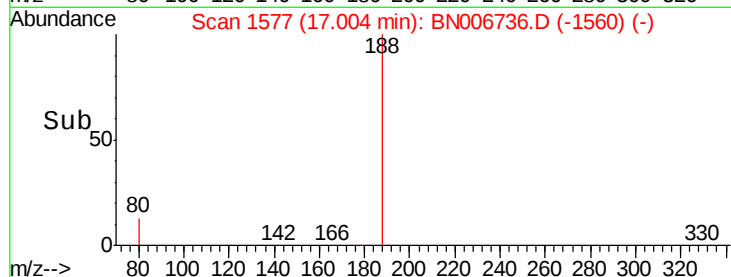
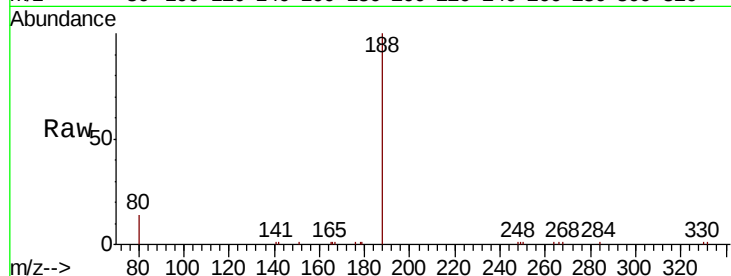
Tgt Ion:188 Resp: 13423

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.0 10.3 15.5



#20

4-Bromophenyl-phenylether

Concen: 0.338 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

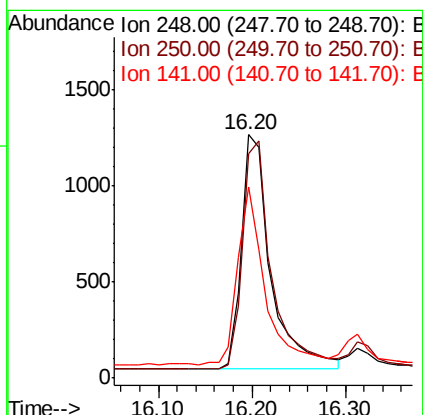
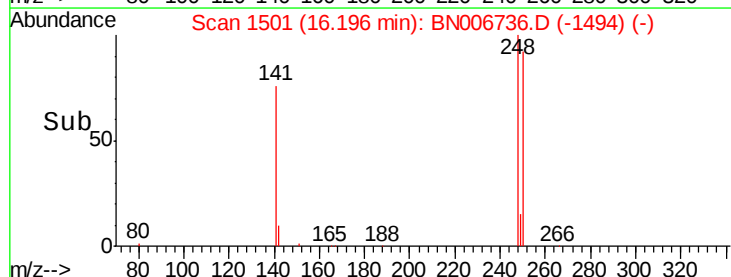
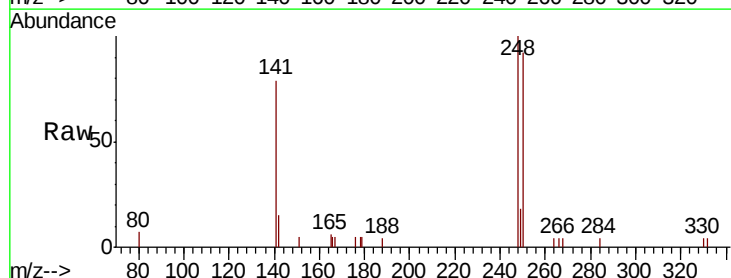
Tgt Ion:248 Resp: 2670

Ion Ratio Lower Upper

248 100

250 92.2 79.0 118.6

141 78.7 50.2 75.4#





#21

Hexachlorobenzene

Concen: 0.375 ng

RT: 16.31 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

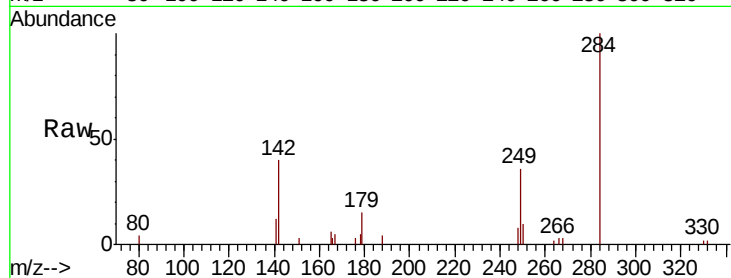
Tgt Ion:284 Resp: 3533

Ion Ratio Lower Upper

284 100

142 33.3 26.9 40.3

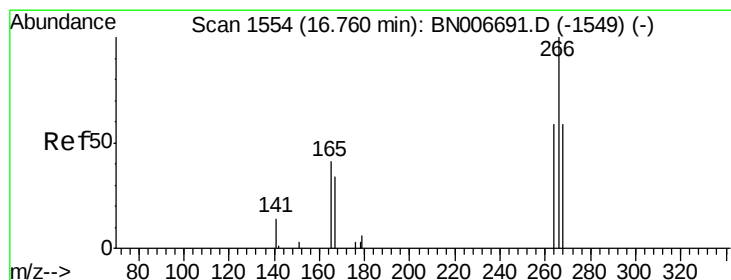
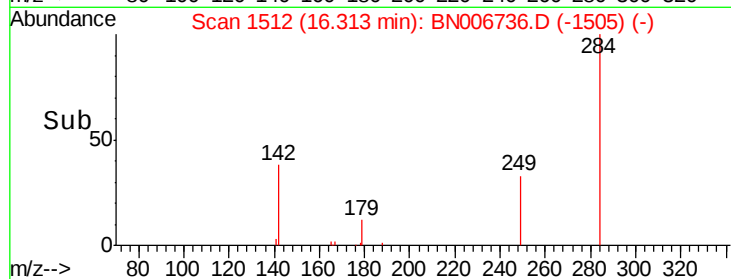
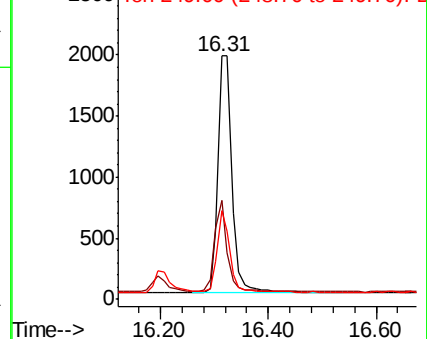
249 30.6 24.4 36.6



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: 0.612 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.04 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

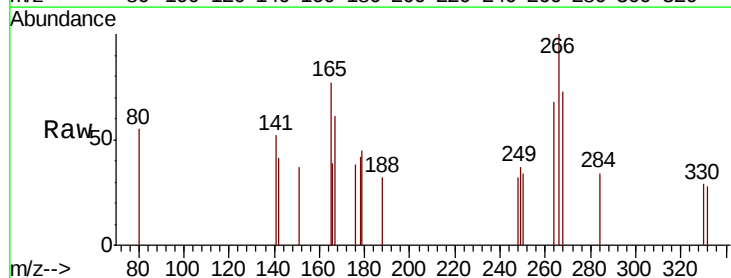
Tgt Ion:266 Resp: 661

Ion Ratio Lower Upper

266 100

264 68.4 57.6 86.4

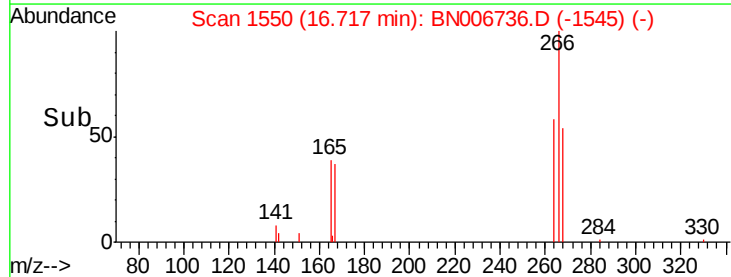
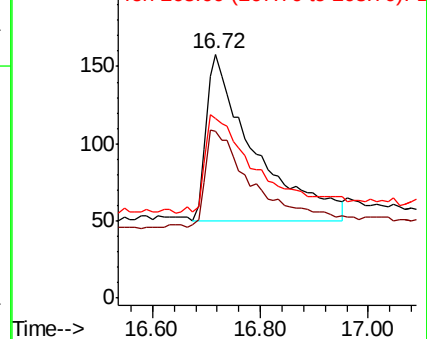
268 73.4 66.6 99.8



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: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

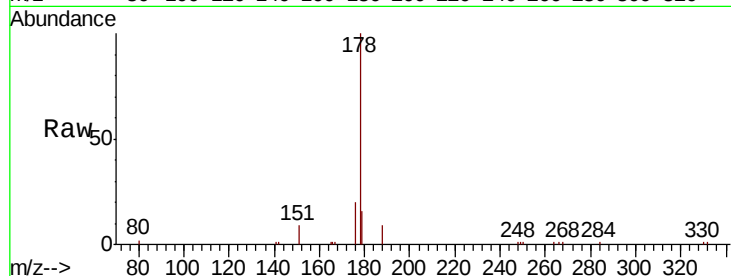
Tgt Ion:178 Resp: 13550

Ion Ratio Lower Upper

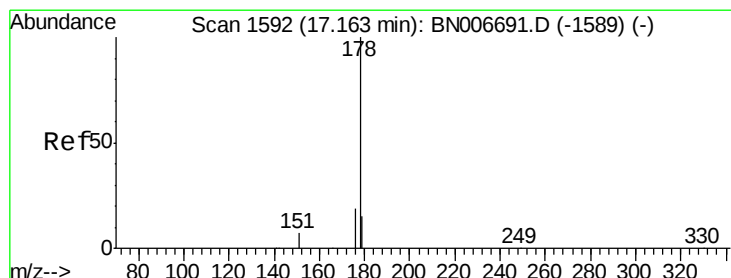
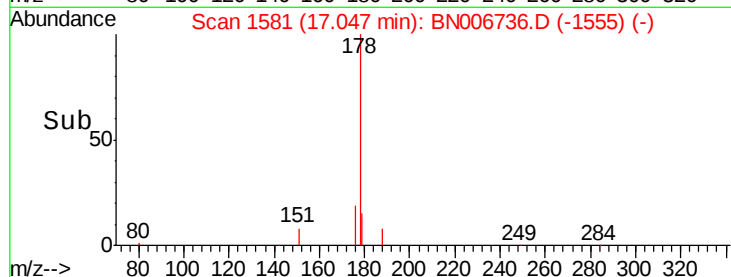
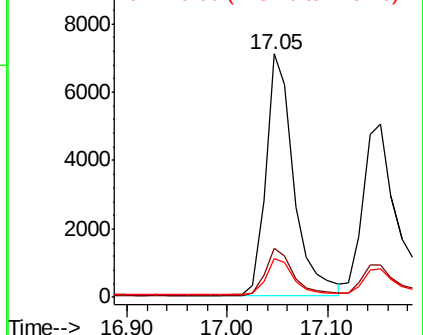
178 100

176 19.3 15.3 22.9

179 15.4 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: 0.335 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

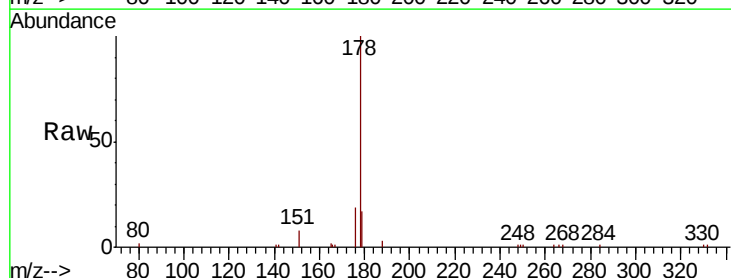
Tgt Ion:178 Resp: 11730

Ion Ratio Lower Upper

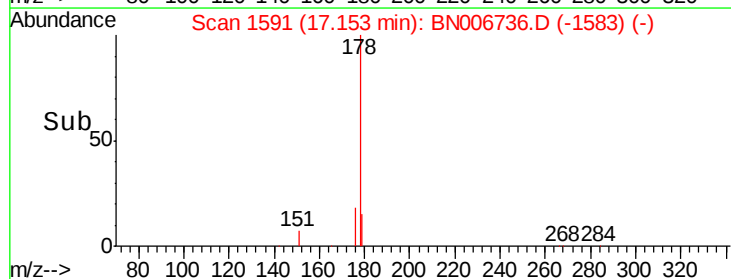
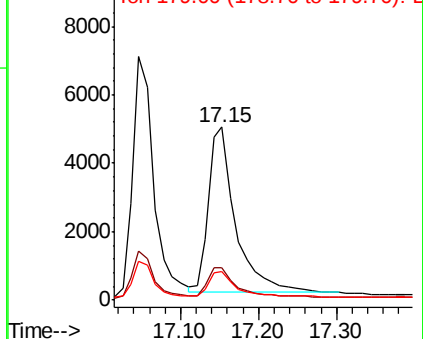
178 100

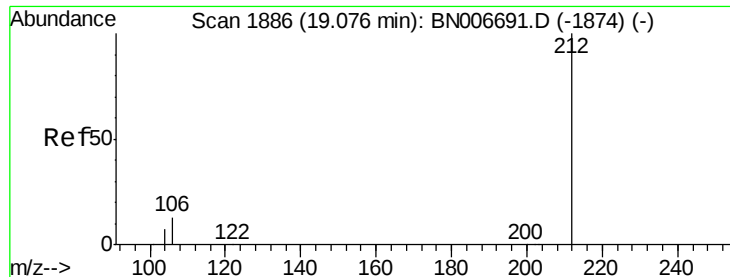
176 18.4 14.8 22.2

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: 0.373 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

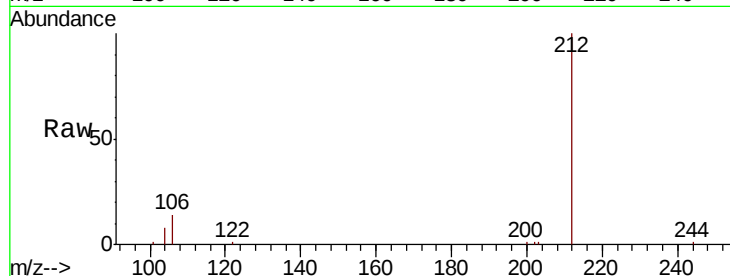
Tgt Ion:212 Resp: 14338

Ion Ratio Lower Upper

212 100

106 13.4 11.0 16.6

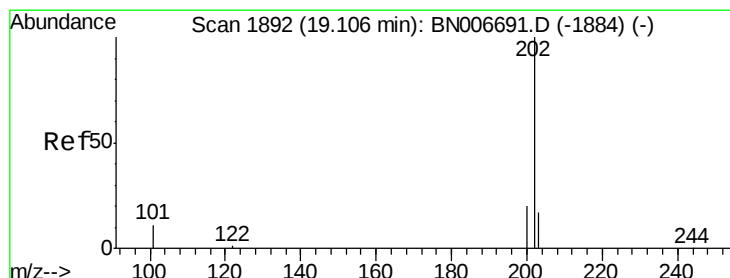
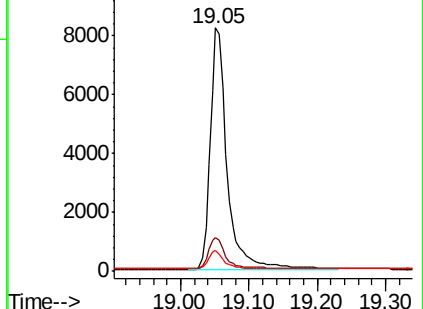
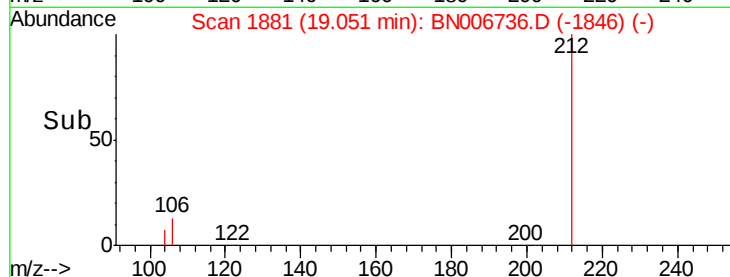
104 7.2 6.1 9.1



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: 0.364 ng

RT: 19.09 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

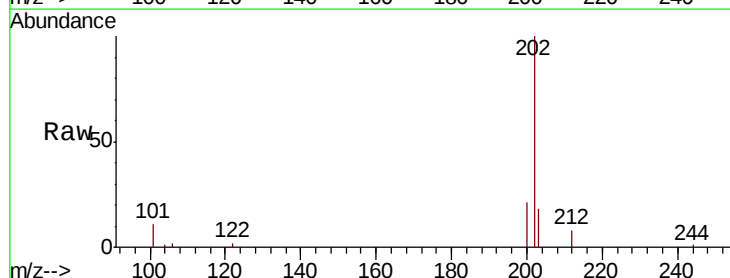
Tgt Ion:202 Resp: 16523

Ion Ratio Lower Upper

202 100

101 11.0 8.7 13.1

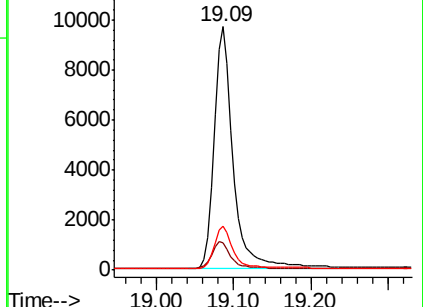
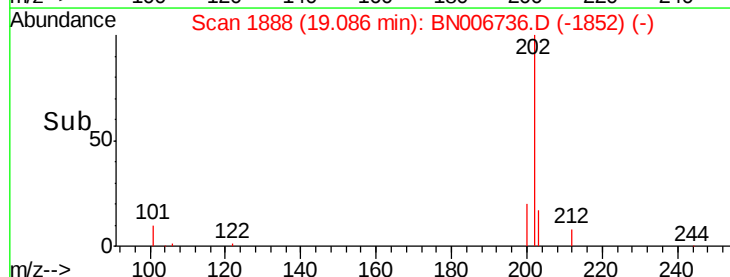
203 17.2 13.8 20.6



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

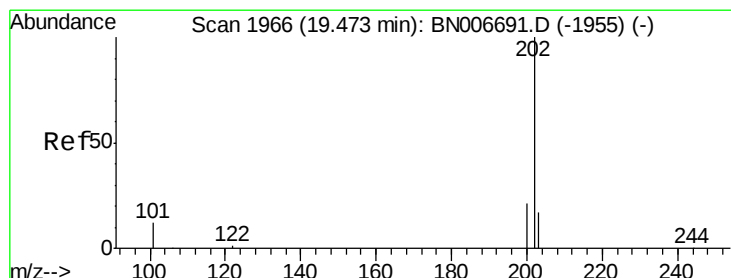
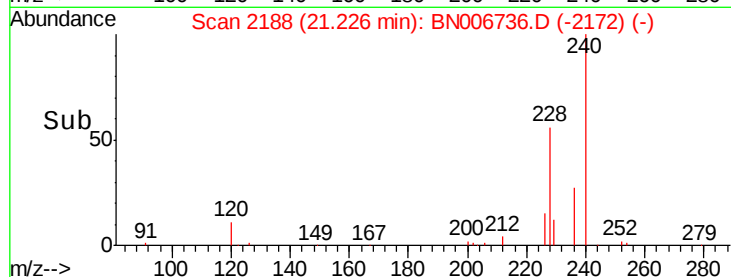
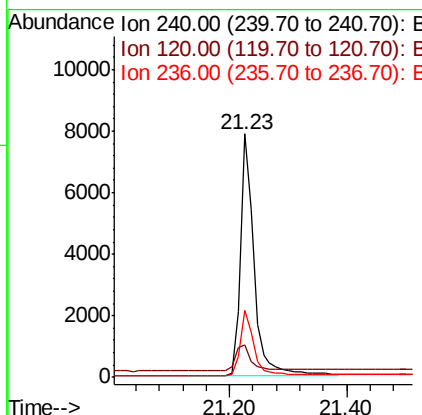
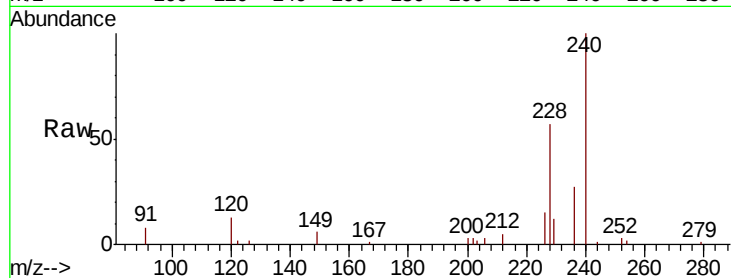




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

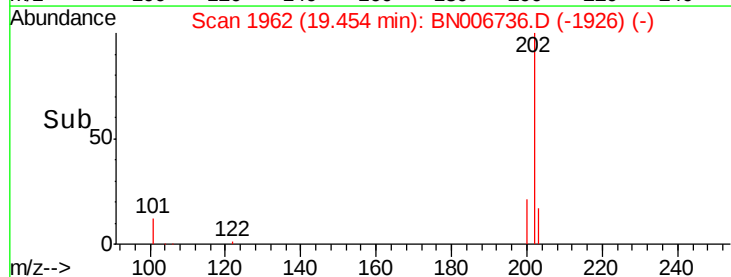
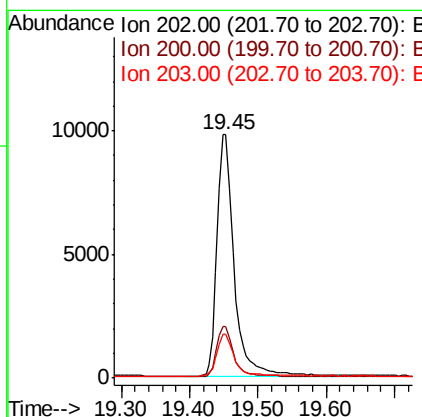
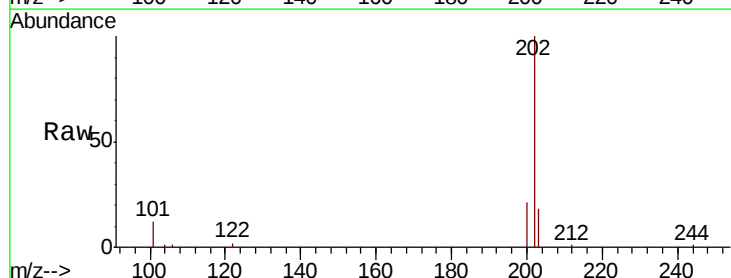
Instrument :
BNA_N
ClientSampleId :
PB121057BSD

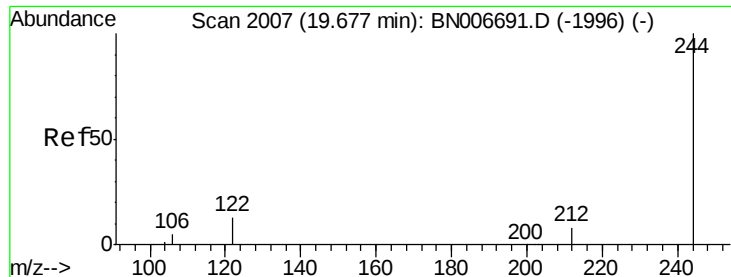
Tgt Ion:240 Resp: 12474
Ion Ratio Lower Upper
240 100
120 13.5 12.9 19.3
236 27.3 23.2 34.8



#28
Pyrene
Concen: 0.342 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:202 Resp: 17064
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 17.9 14.2 21.2





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

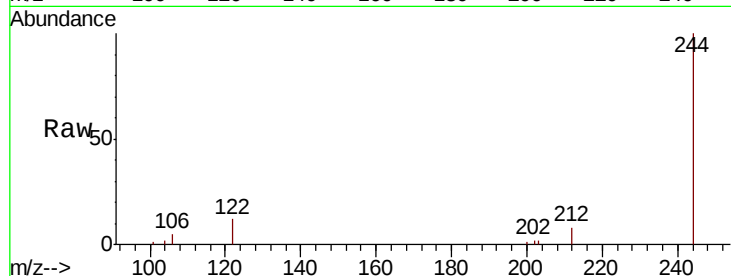
Tgt Ion:244 Resp: 10849

Ion Ratio Lower Upper

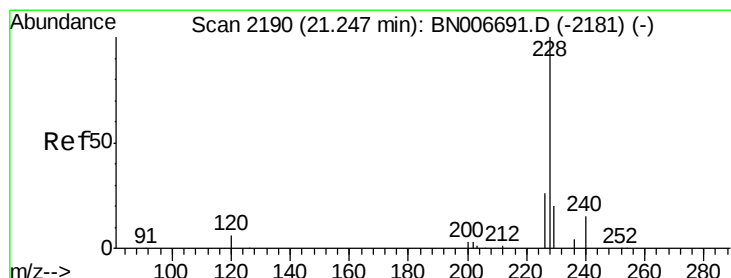
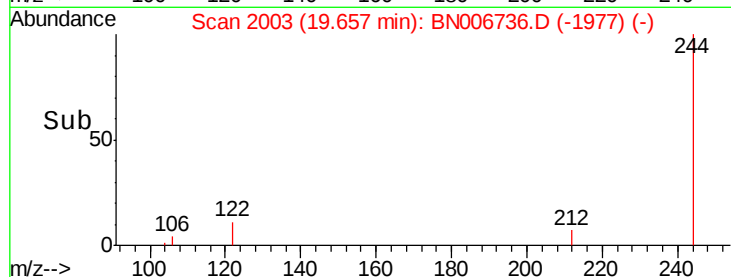
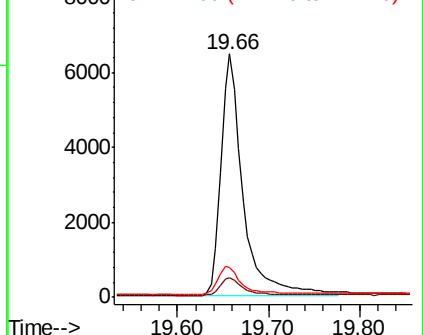
244 100

212 8.1 7.0 10.4

122 12.5 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: 0.340 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

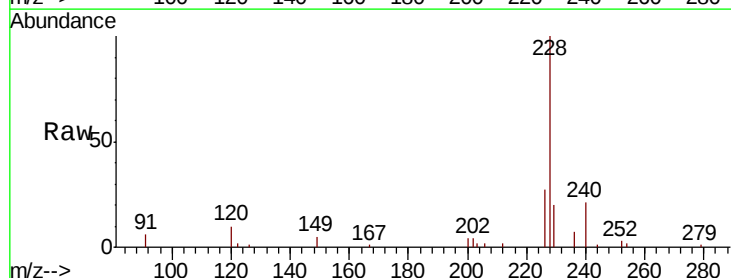
Tgt Ion:228 Resp: 14642

Ion Ratio Lower Upper

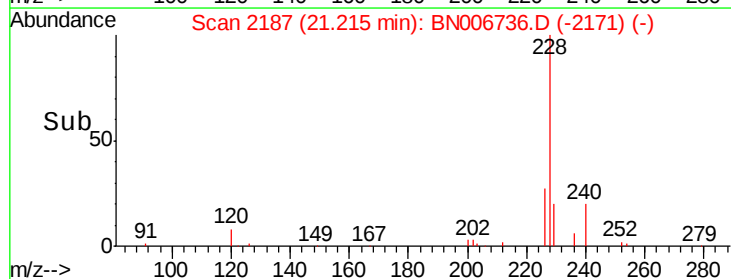
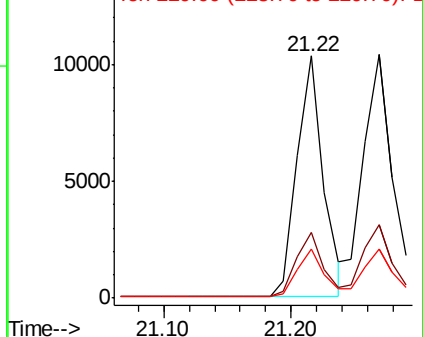
228 100

226 27.0 21.5 32.3

229 20.3 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: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

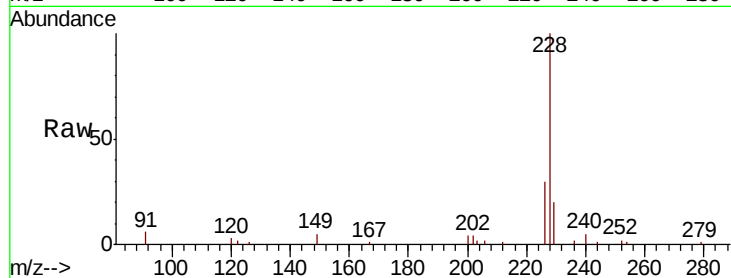
Tgt Ion:228 Resp: 16756

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

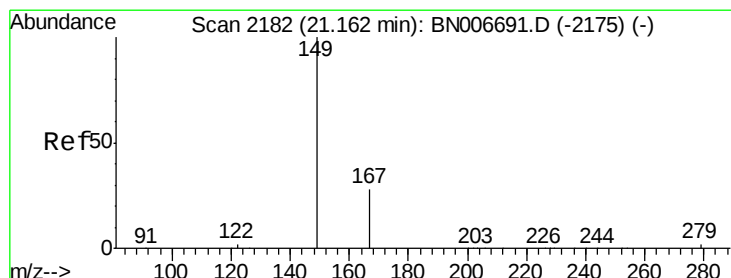
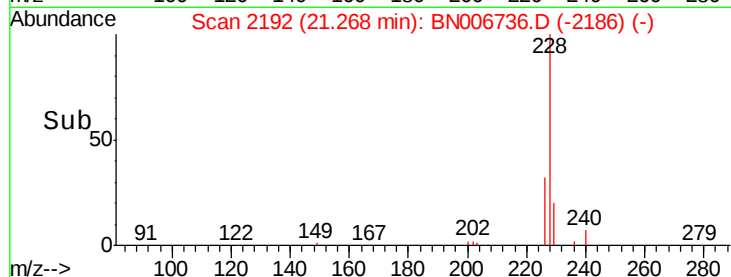
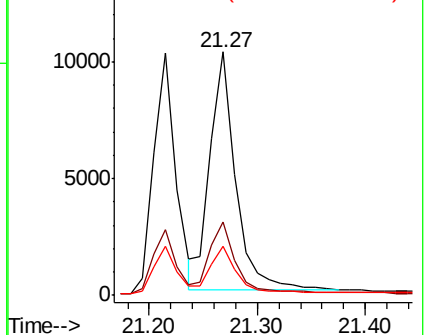
229 20.1 15.8 23.6



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: 0.050 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

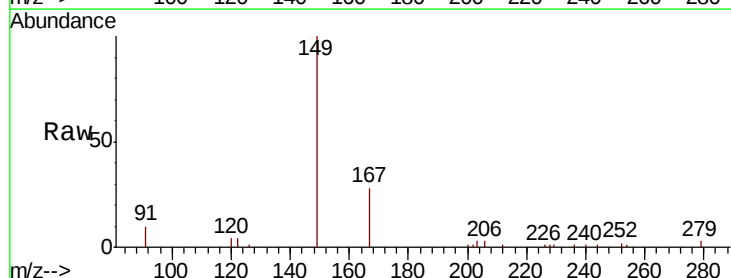
Tgt Ion:149 Resp: 6477

Ion Ratio Lower Upper

149 100

167 28.2 22.9 34.3

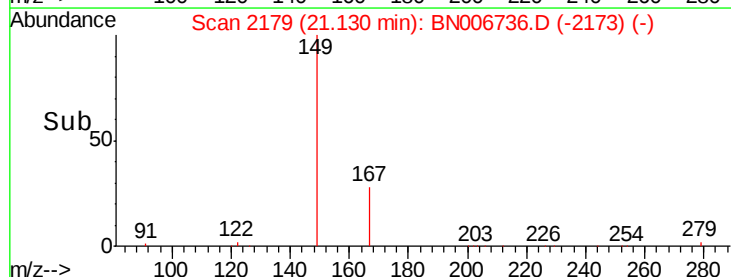
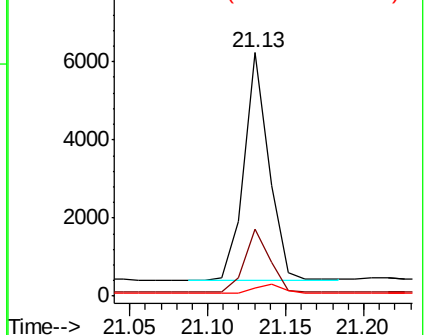
279 4.3 3.2 4.8



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: 0.425 ng

RT: 25.68 min Scan# 3255

Delta R.T. -0.07 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

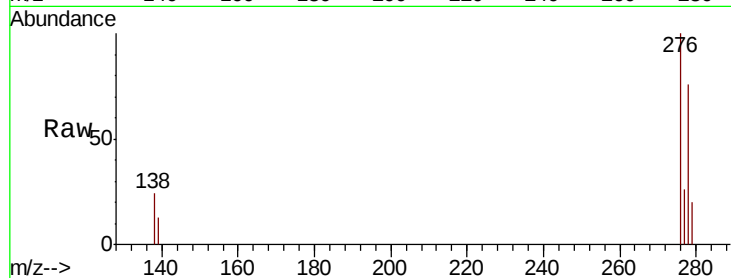
Tgt Ion:276 Resp: 22522

Ion Ratio Lower Upper

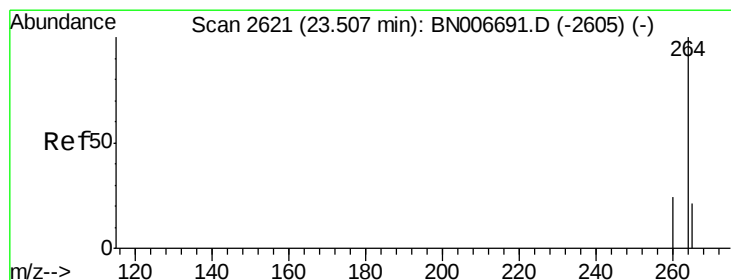
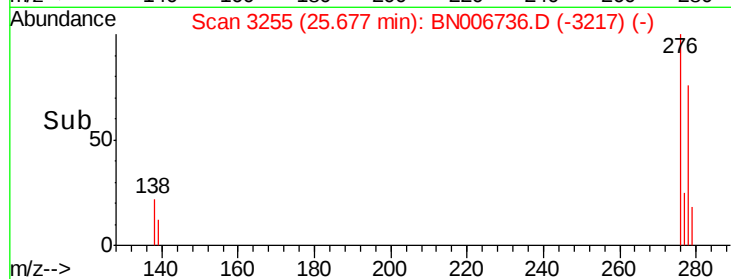
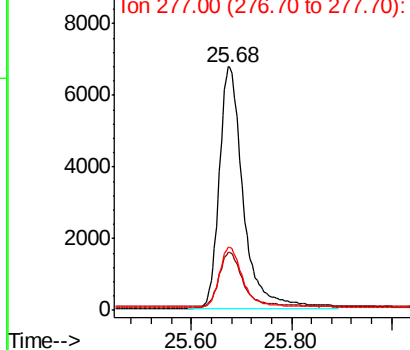
276 100

138 22.4 19.5 29.3

277 24.8 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: 23.45 min Scan# 2605

Delta R.T. -0.05 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

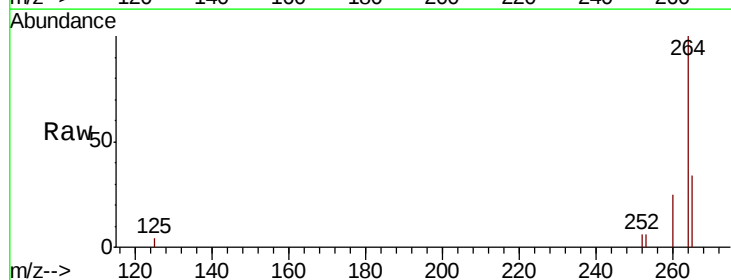
Tgt Ion:264 Resp: 14784

Ion Ratio Lower Upper

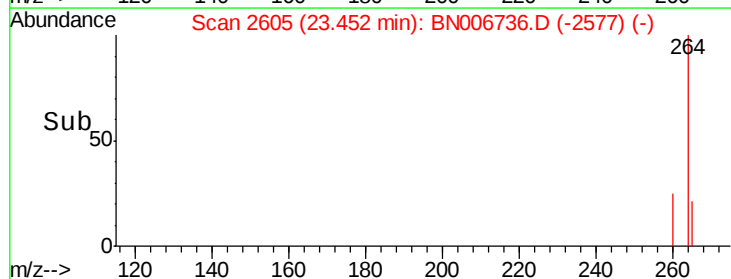
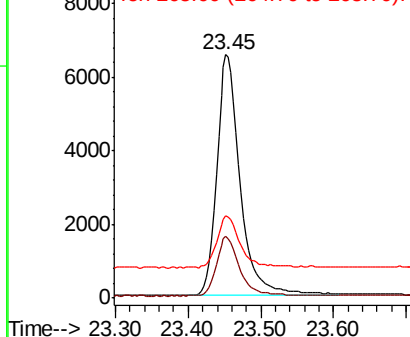
264 100

260 25.4 20.2 30.2

265 33.8 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

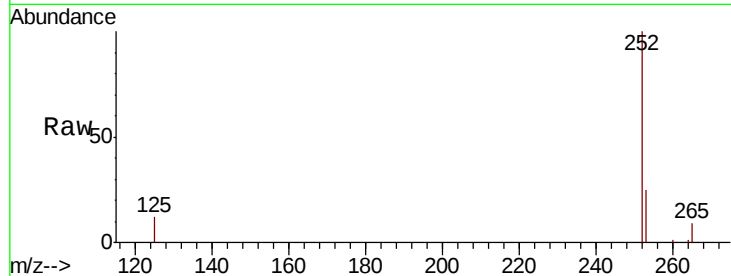




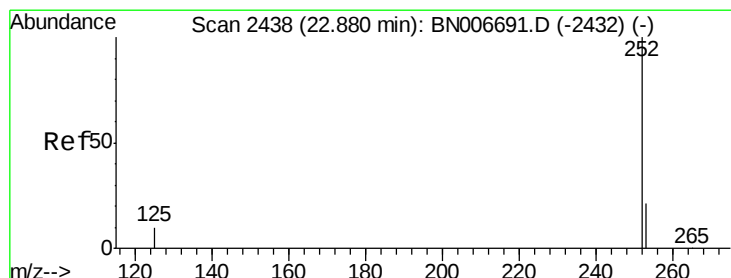
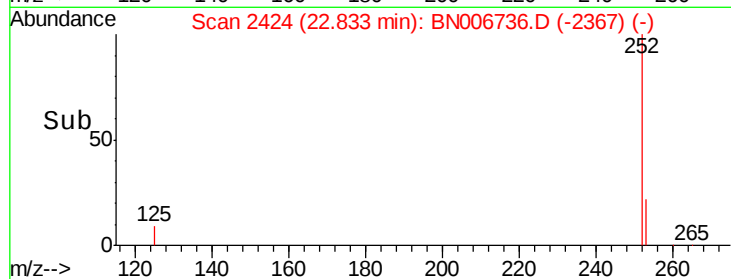
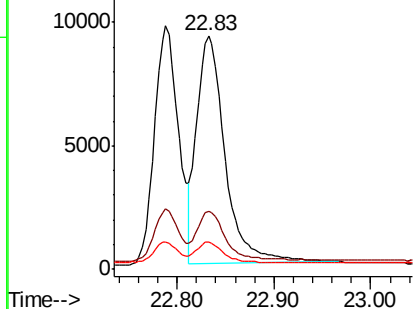
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:252 Resp: 18783
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.2
125 11.6 11.5 17.3

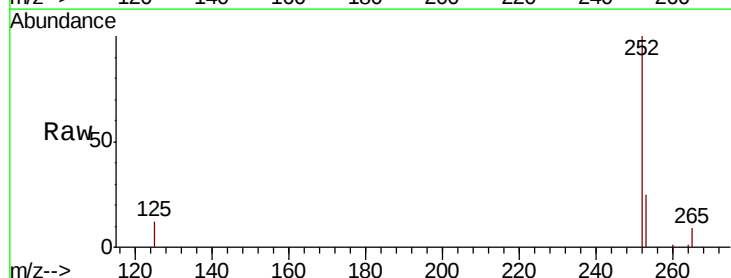


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

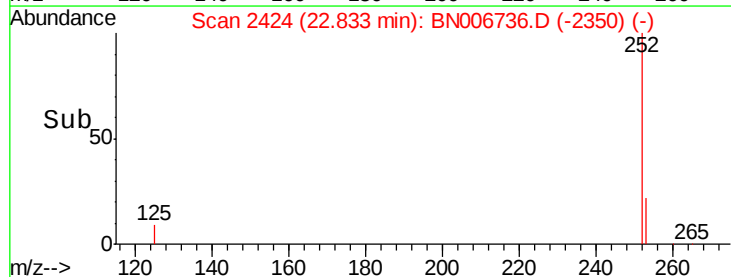
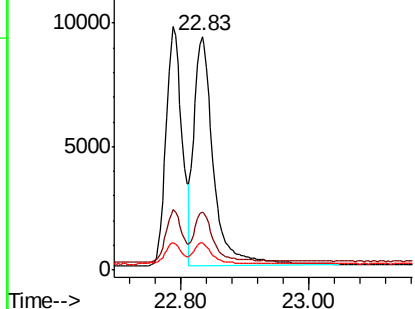


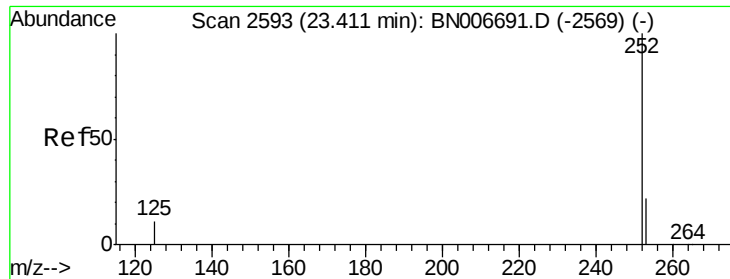
#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.05 min
Lab File: BN006736.D
Acq: 06 Jul 2019 03:33

Tgt Ion:252 Resp: 19505
Ion Ratio Lower Upper
252 100
253 24.9 20.1 30.1
125 11.6 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: 0.383 ng

RT: 23.36 min Scan# 2577

Delta R.T. -0.05 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

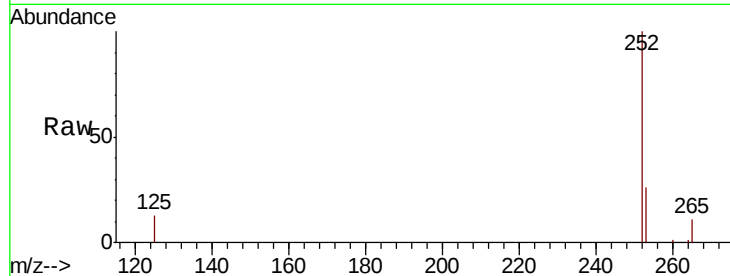
Tgt Ion:252 Resp: 17592

Ion Ratio Lower Upper

252 100

253 26.0 21.4 32.2

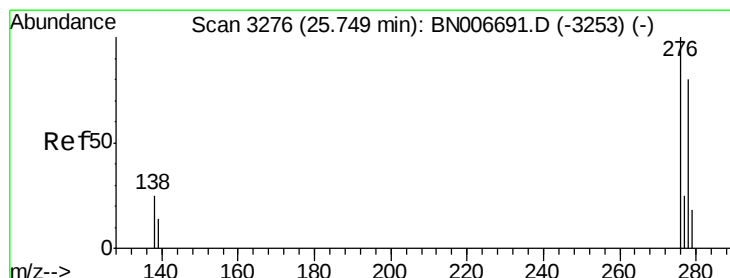
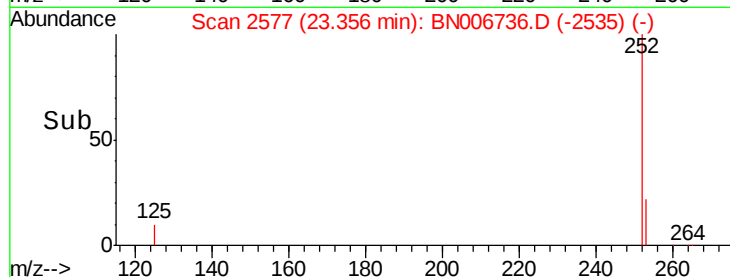
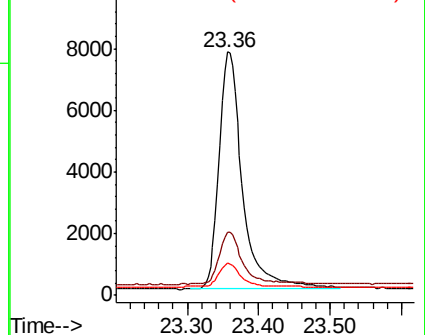
125 13.2 13.3 19.9#



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: 0.395 ng

RT: 25.68 min Scan# 3256

Delta R.T. -0.07 min

Lab File: BN006736.D

Acq: 06 Jul 2019 03:33

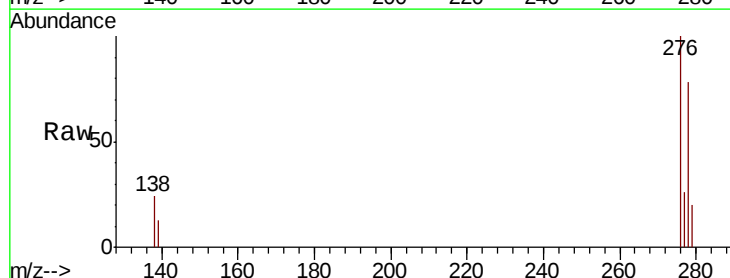
Tgt Ion:278 Resp: 18058

Ion Ratio Lower Upper

278 100

139 16.9 16.2 24.4

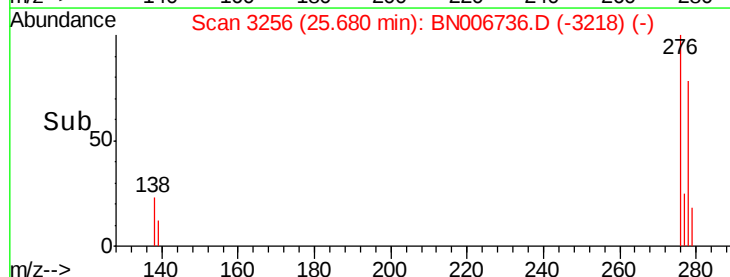
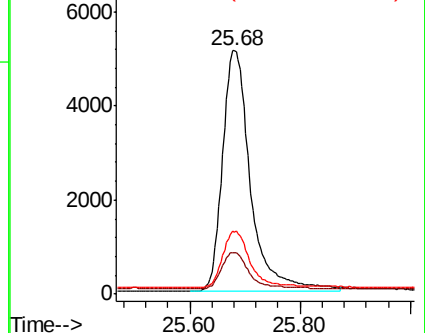
279 25.6 20.7 31.1



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(g,h,i)perylene

Concen: 0.418 ng

RT: 26.36 min Scan# 3454

Delta R.T. -0.07 min

Lab File: BN006736.D

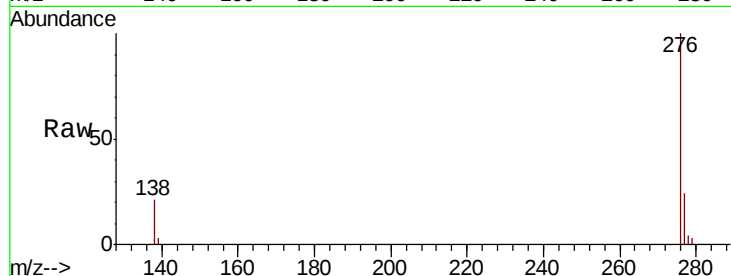
Acq: 06 Jul 2019 03:33

Instrument :

BNA_N

ClientSampleId :

PB121057BSD



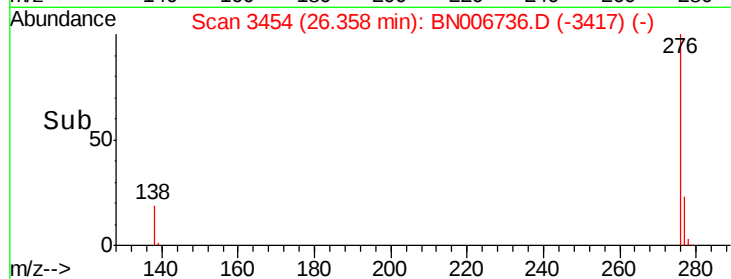
Tgt Ion: 276 Resp: 19669

Ion Ratio Lower Upper

276 100

277 24.3 20.6 30.8

138 21.1 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

