

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006735.D
 Acq On : 06 Jul 2019 02:58
 Operator : HP/JU
 Sample : PB121057BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121057BS

Quant Time: Jul 06 05:12:59 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	2703	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	10277	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	5735	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	12427	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	11794	0.40	ng	-0.03
34) Perylene-d12	23.45	264	14080	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2293	0.31	ng	0.00
5) Phenol-d6	6.81	99	3151	0.34	ng	-0.02
8) Nitrobenzene-d5	8.78	82	2624	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7995	0.52	ng	-0.02
14) 2,4,6-Tribromophenol	15.78	330	727	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	8597	0.38	ng	-0.02
25) Fluoranthene-d10	19.05	212	13743	0.39	ng	-0.02
29) Terphenyl-d14	19.66	244	10344	0.38	ng	-0.02

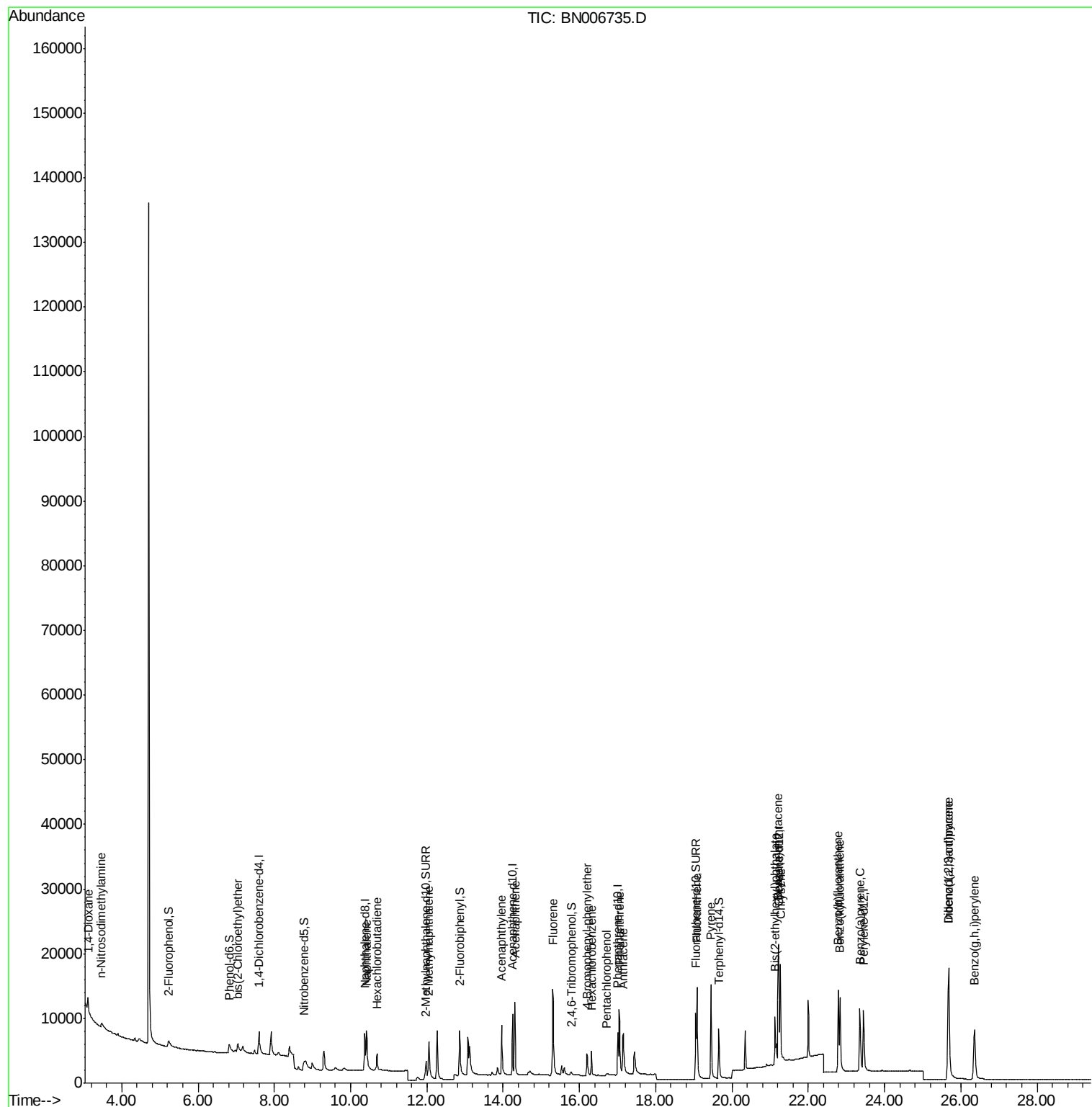
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	1244	0.294	ng	# 1
3) n-Nitrosodimethylamine	3.46	42	1208	0.379	ng	# 78
6) bis(2-Chloroethyl)ether	7.04	93	2619	0.334	ng	94
9) Naphthalene	10.42	128	10563	0.376	ng	99
10) Hexachlorobutadiene	10.69	225	2072	0.364	ng	# 98
12) 2-Methylnaphthalene	12.05	142	6781	0.335	ng	99
16) Acenaphthylene	13.96	152	10201	0.357	ng	99
17) Acenaphthene	14.31	154	6756	0.371	ng	99
18) Fluorene	15.30	166	8232	0.364	ng	99
20) 4-Bromophenyl-phenylether	16.20	248	2512	0.343	ng	# 89
21) Hexachlorobenzene	16.32	284	3337	0.383	ng	99
22) Pentachlorophenol	16.72	266	591	0.596	ng	99
23) Phenanthrene	17.05	178	12695	0.354	ng	100
24) Anthracene	17.15	178	10946	0.338	ng	99
26) Fluoranthene	19.09	202	15634	0.372	ng	100
28) Pyrene	19.45	202	16102	0.341	ng	100
30) Benzo(a)anthracene	21.22	228	14053	0.345	ng	100
31) Chrysene	21.27	228	15811	0.377	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	6207	0.051	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.68	276	21693	0.433	ng	98
35) Benzo(b)fluoranthene	22.79	252	15924	0.352	ng	97
36) Benzo(k)fluoranthene	22.83	252	18869	0.385	ng	97
37) Benzo(a)pyrene	23.36	252	17042	0.389	ng	# 96
38) Dibenzo(a,h)anthracene	25.68	278	17434	0.401	ng	97
39) Benzo(g,h,i)perylene	26.36	276	18899	0.422	ng	96

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

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QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 567

Delta R.T. -0.02 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

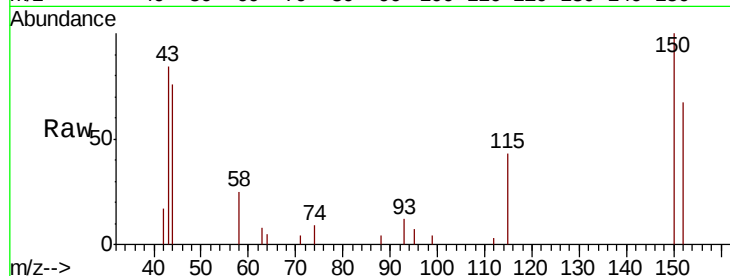
Tgt Ion:152 Resp: 2703

Ion Ratio Lower Upper

152 100

150 148.6 120.6 181.0

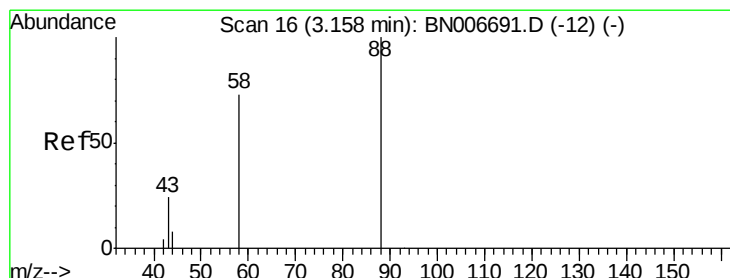
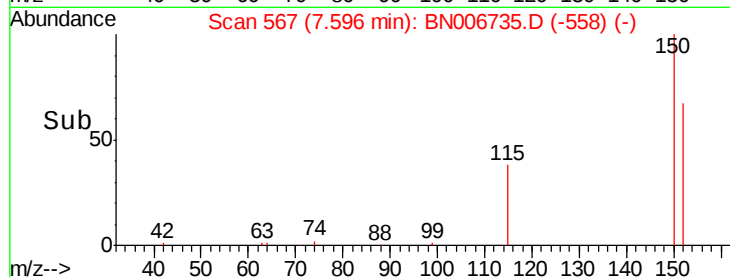
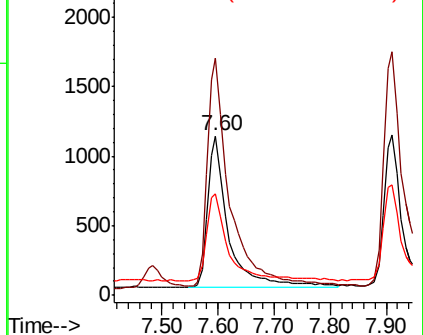
115 63.4 51.0 76.6



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: 0.294 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

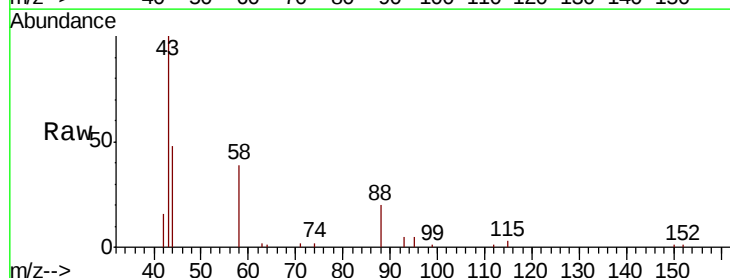
Tgt Ion: 88 Resp: 1244

Ion Ratio Lower Upper

88 100

58 119.3 61.1 91.7#

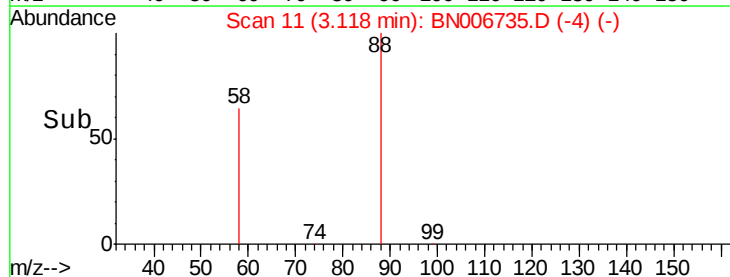
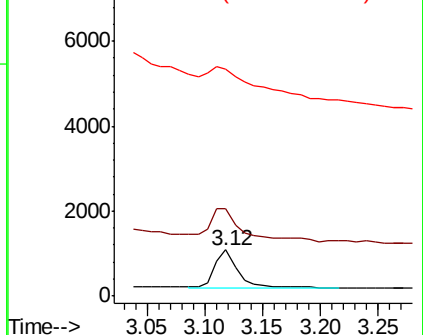
43 169.1 32.4 48.6#



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: 0.379 ng

RT: 3.46 min Scan# 54

Delta R.T. -0.03 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

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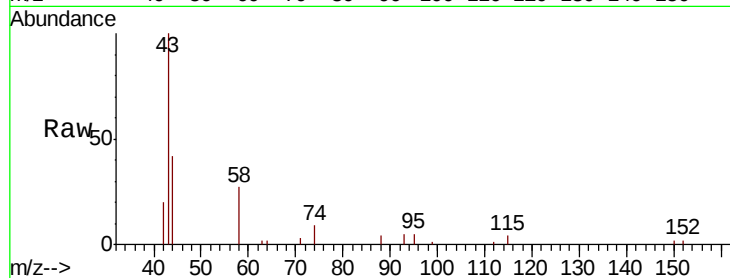
Tgt Ion: 42 Resp: 1208

Ion Ratio Lower Upper

42 100

74 107.1 106.6 160.0

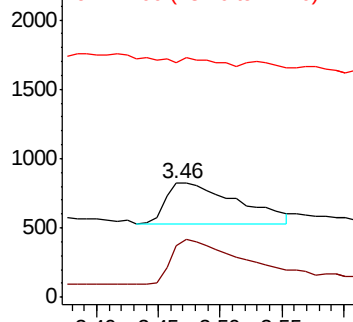
44 0.0 8.0 12.0#



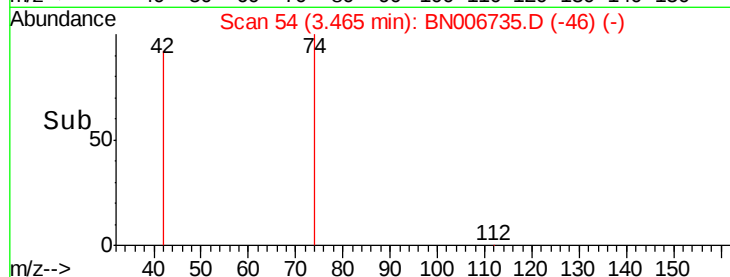
Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



Time-->



#4

2-Fluorophenol

Concen: 0.312 ng

RT: 5.24 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

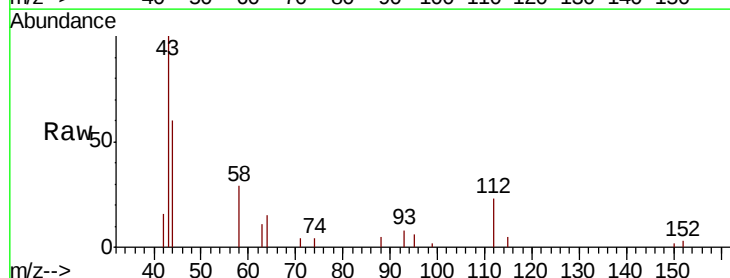
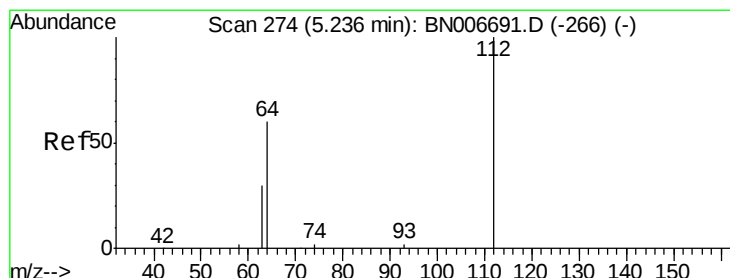
Tgt Ion: 112 Resp: 2293

Ion Ratio Lower Upper

112 100

64 65.8 49.8 74.6

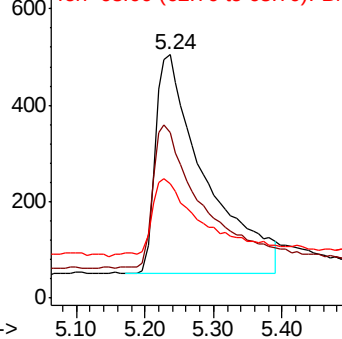
63 36.1 25.8 38.6



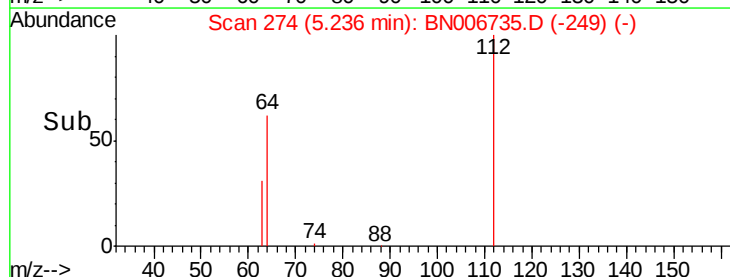
Abundance Ion 112.00 (111.70 to 112.70): BNC

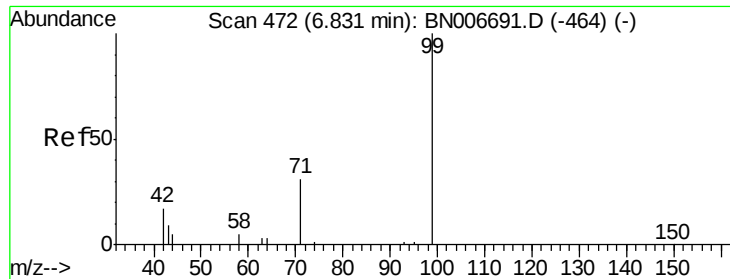
Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



Time-->





#5

Phenol-d6

Concen: 0.339 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

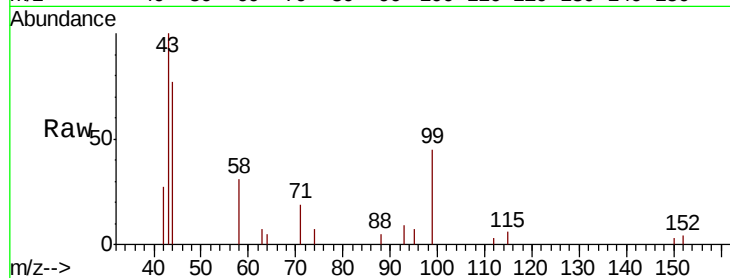
Tgt Ion: 99 Resp: 3151

Ion Ratio Lower Upper

99 100

42 22.5 16.6 25.0

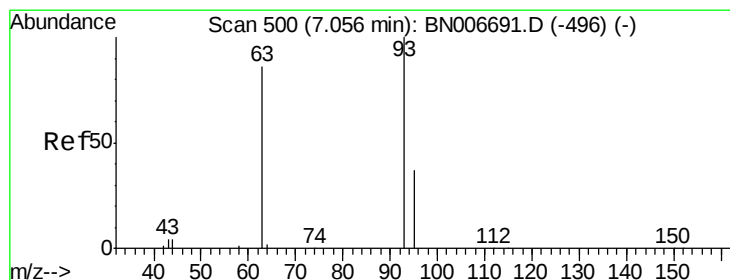
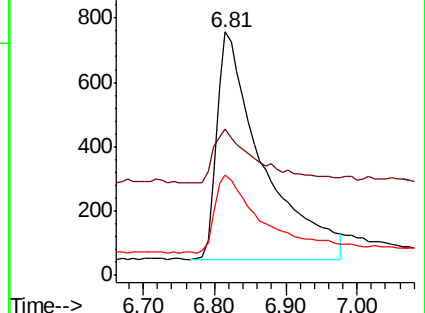
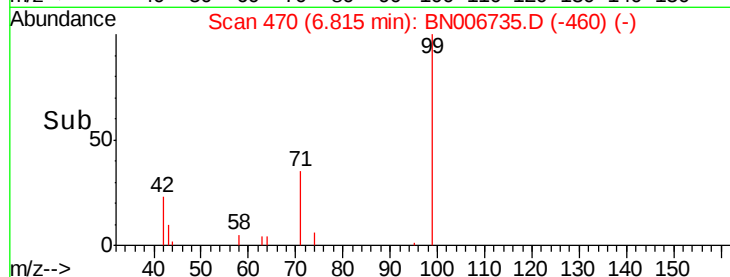
71 35.8 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006735.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006735.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006735.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.334 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

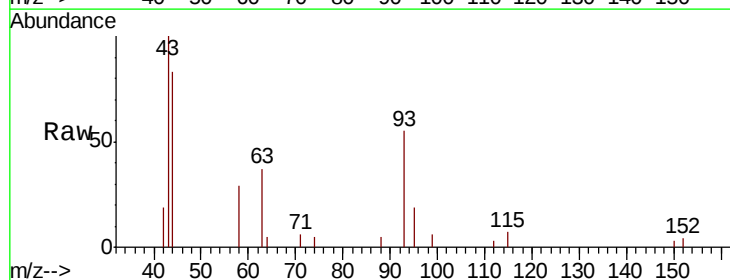
Tgt Ion: 93 Resp: 2619

Ion Ratio Lower Upper

93 100

63 67.9 58.6 87.8

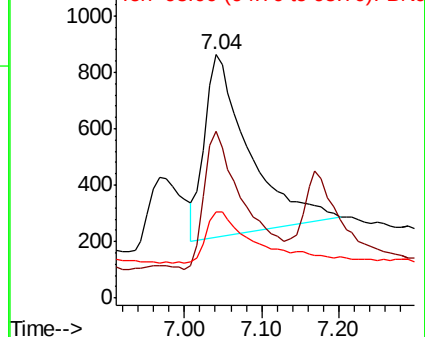
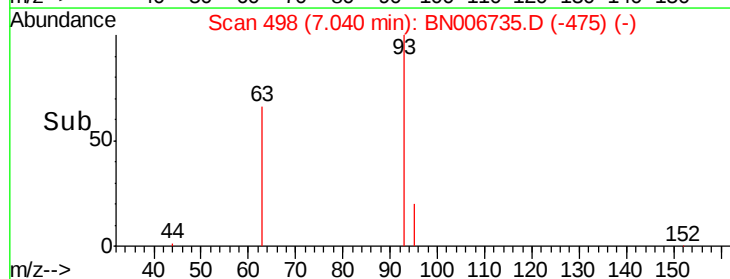
95 32.0 28.3 42.5

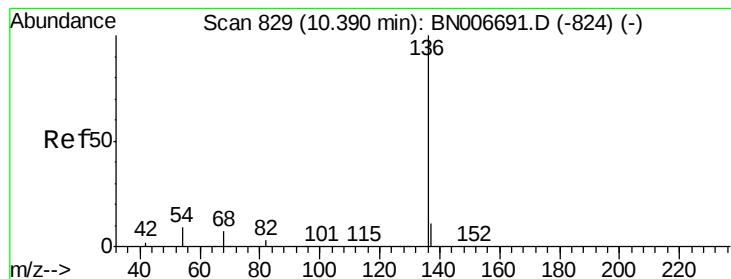


Abundance Ion 93.00 (92.70 to 93.70): BN006735.D (-475) (-)

Ion 63.00 (62.70 to 63.70): BN006735.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BN006735.D (-475) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

Tgt Ion: 136 Resp: 10277

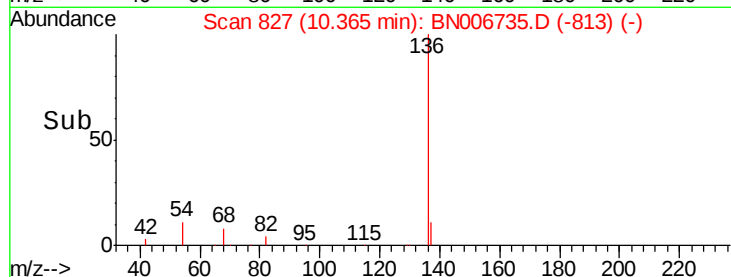
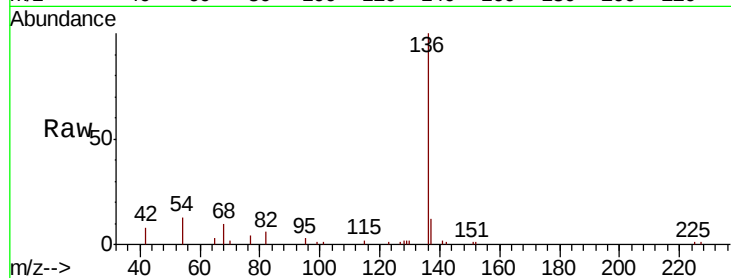
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 12.8 8.4 12.6#

68 10.0 6.8 10.2

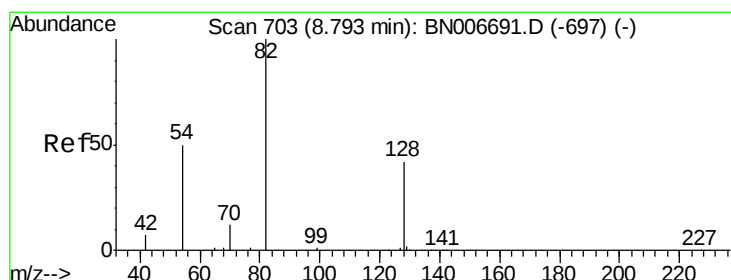
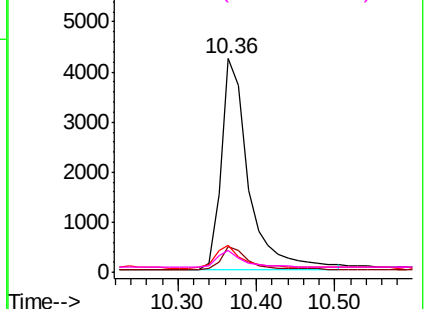


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

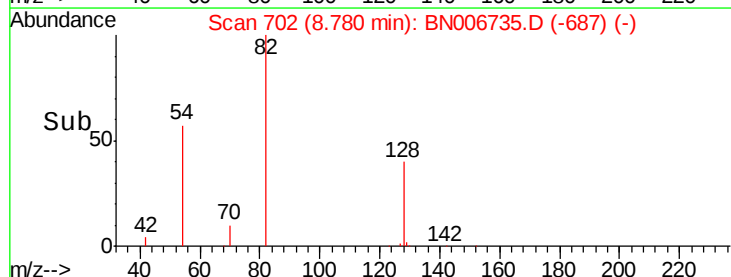
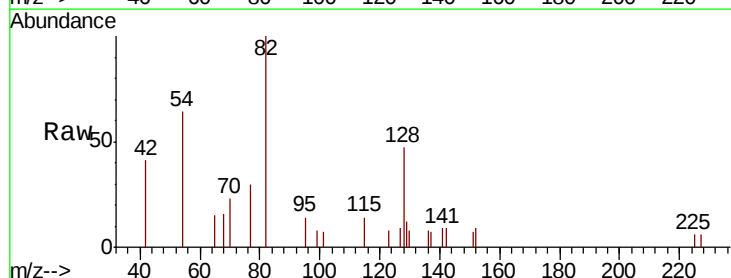
Tgt Ion: 82 Resp: 2624

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

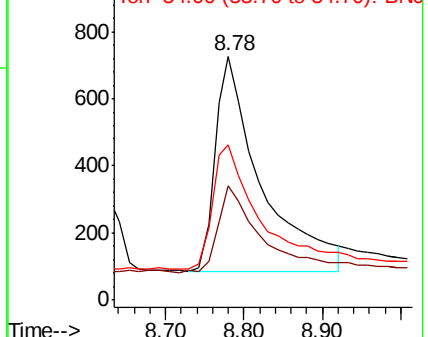
54 63.8 44.5 66.7

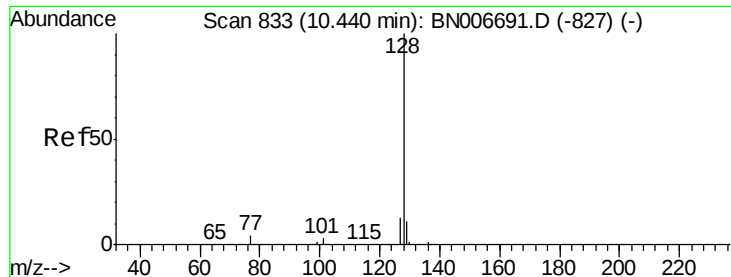


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

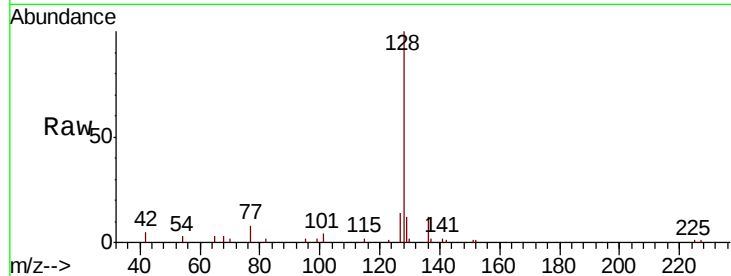




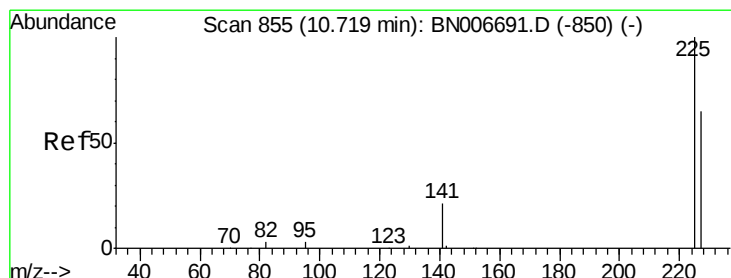
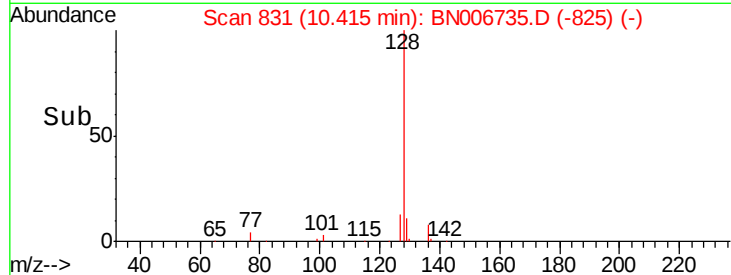
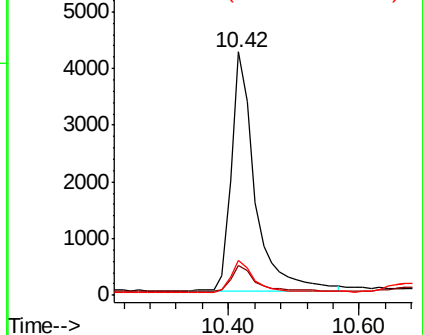
#9
Naphthalene
Concen: 0.376 ng
RT: 10.42 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:128 Resp: 10563
Ion Ratio Lower Upper
128 100
129 12.4 9.6 14.4
127 14.2 11.0 16.4

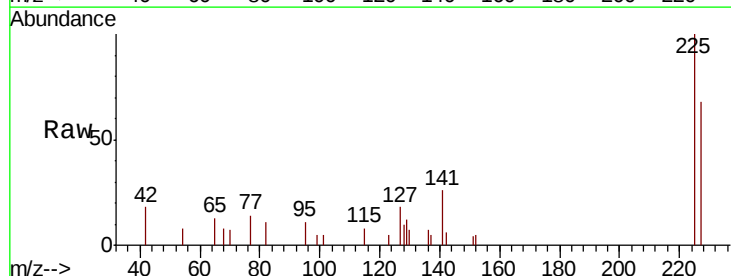


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

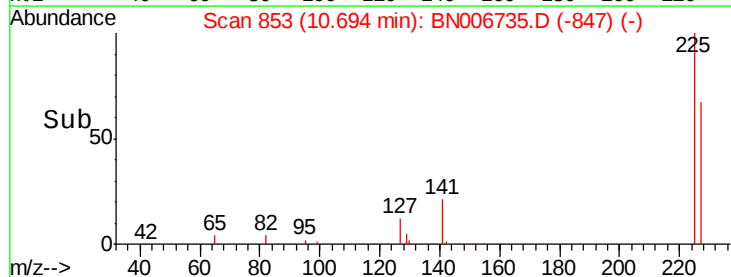
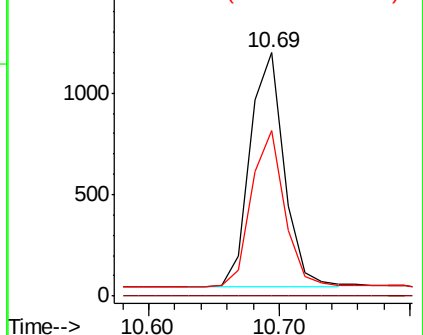


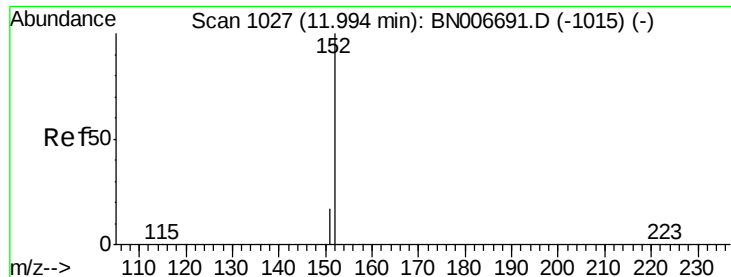
#10
Hexachlorobutadiene
Concen: 0.364 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:225 Resp: 2072
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.2 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

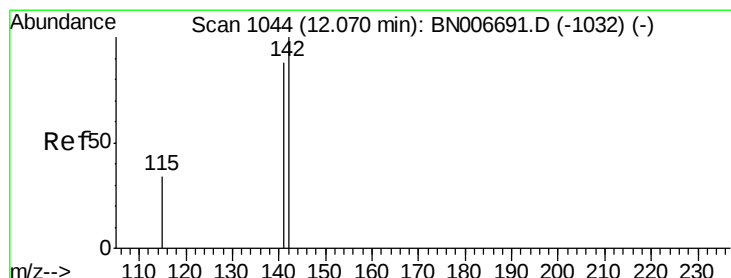
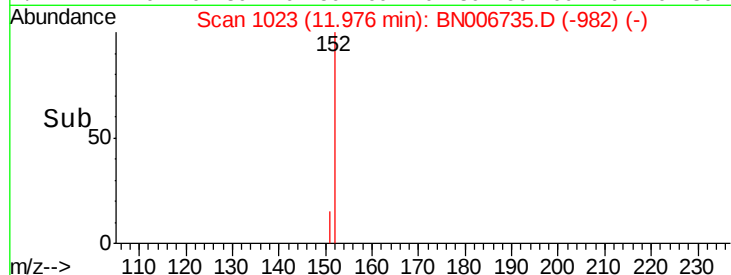
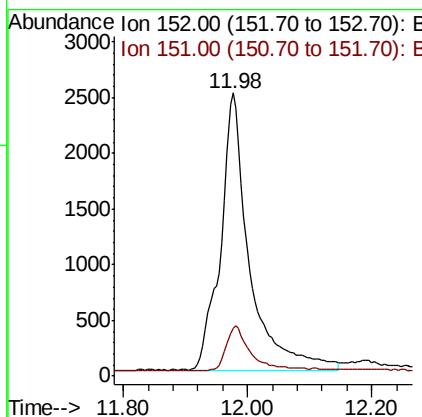
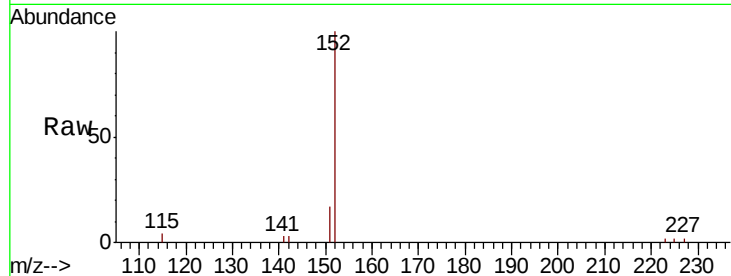




#11
 2-Methylnaphthalene-d10
 Concen: 0.518 ng
 RT: 11.98 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BN006735.D
 Acq: 06 Jul 2019 02:58

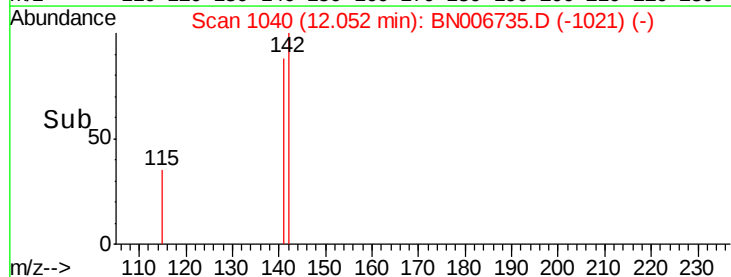
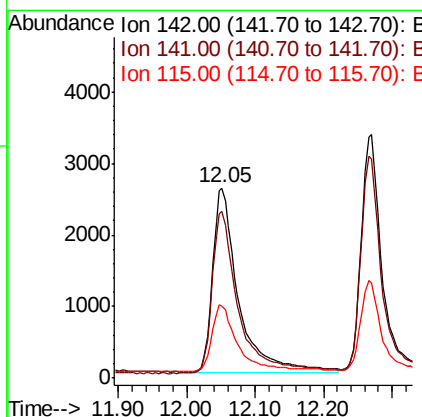
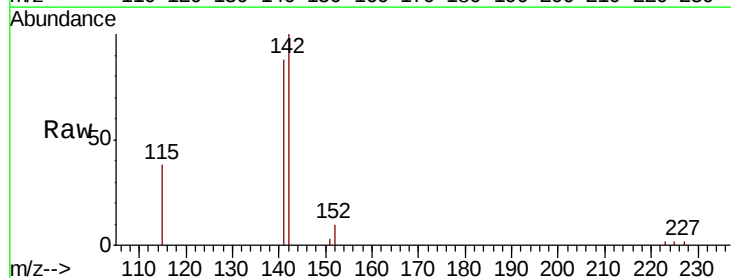
Instrument :
 BNA_N
 ClientSampleId :
 PB121057BS

Tgt Ion:152 Resp: 7995
 Ion Ratio Lower Upper
 152 100
 151 13.3 14.9 22.3#



#12
 2-Methylnaphthalene
 Concen: 0.335 ng
 RT: 12.05 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BN006735.D
 Acq: 06 Jul 2019 02:58

Tgt Ion:142 Resp: 6781
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.3 105.5
 115 37.8 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: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

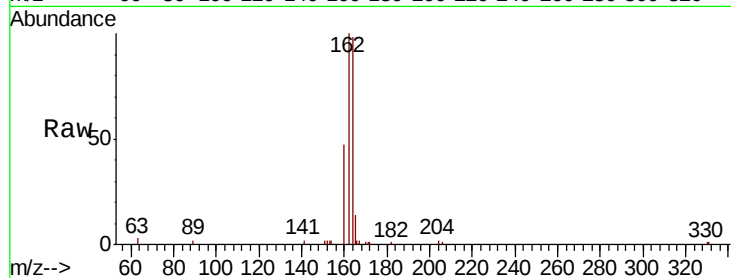
Tgt Ion:164 Resp: 5735

Ion Ratio Lower Upper

164 100

162 101.6 80.8 121.2

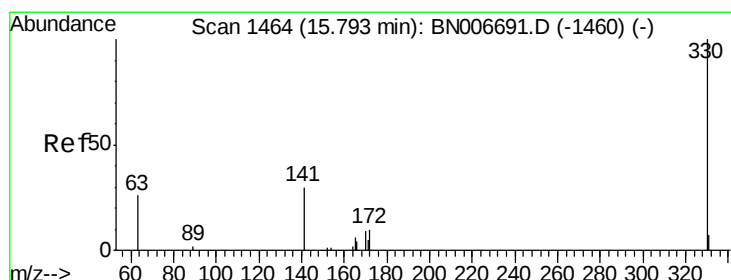
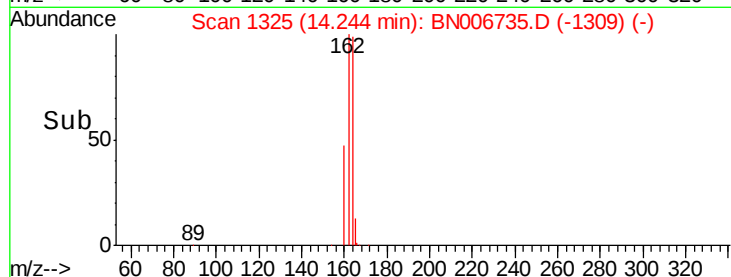
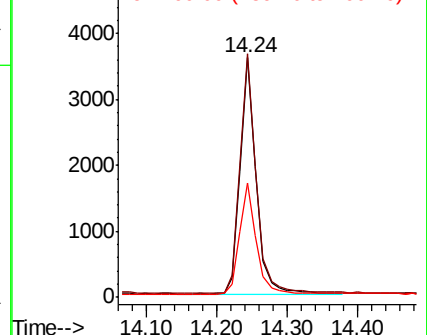
160 47.7 37.0 55.6



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: 0.258 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

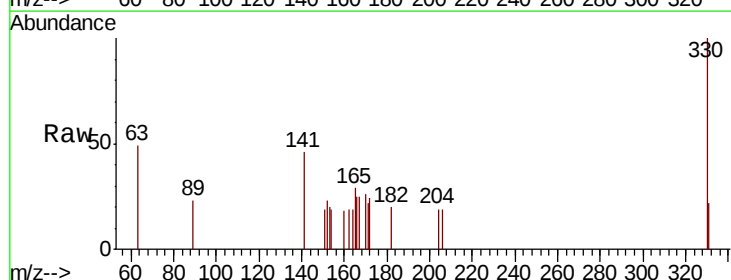
Tgt Ion:330 Resp: 727

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

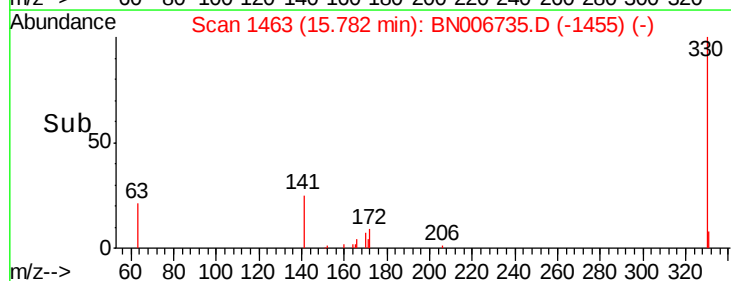
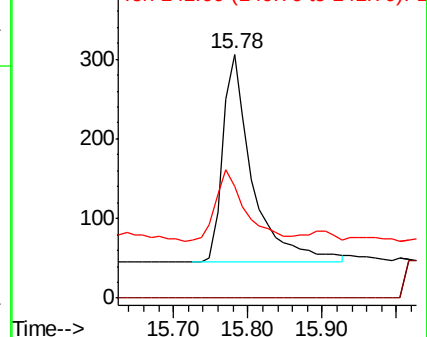
141 34.0 24.8 37.2



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

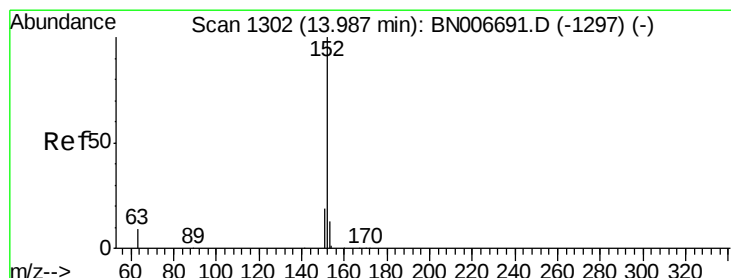
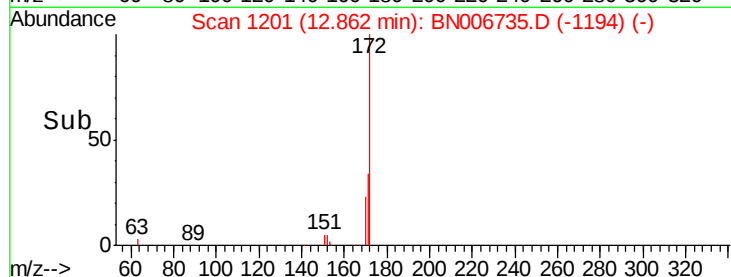
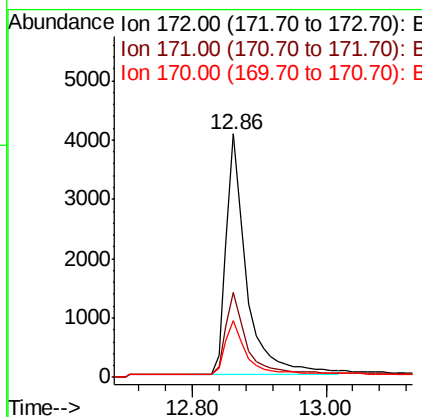
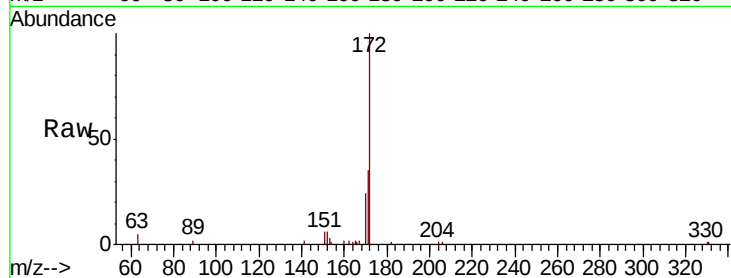




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

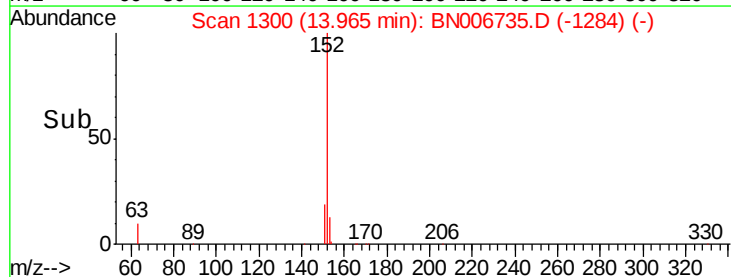
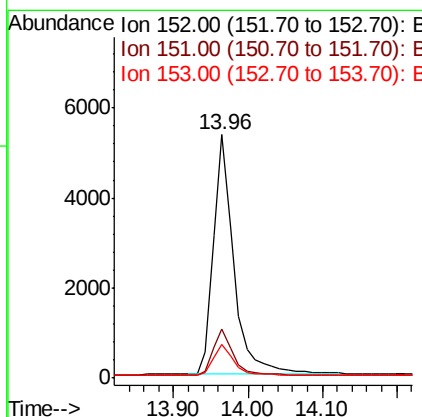
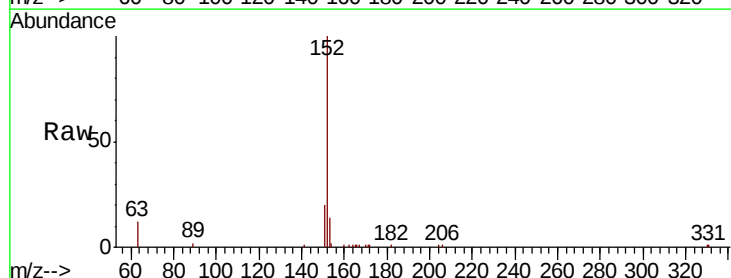
Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:172 Resp: 8597
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.5 18.9 28.3



#16
Acenaphthylene
Concen: 0.357 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:152 Resp: 10201
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.371 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

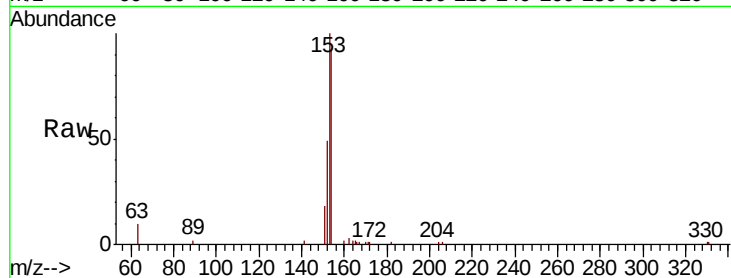
Tgt Ion:154 Resp: 6756

Ion Ratio Lower Upper

154 100

153 111.9 88.9 133.3

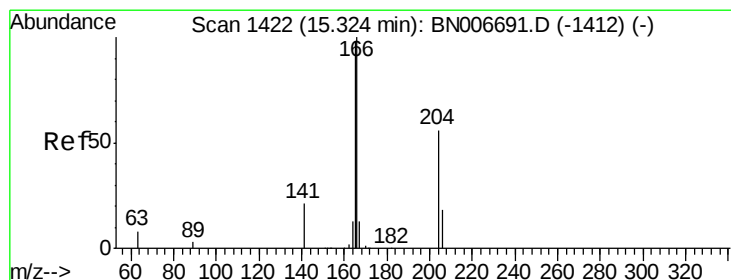
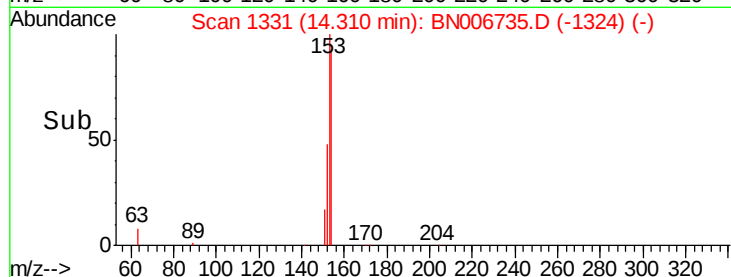
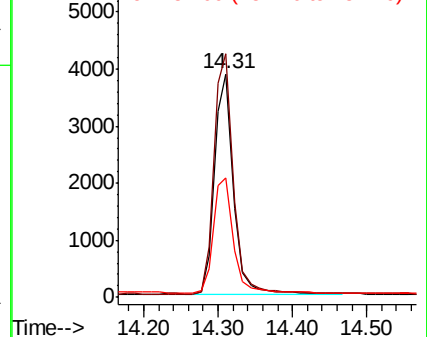
152 54.4 42.8 64.2



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: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

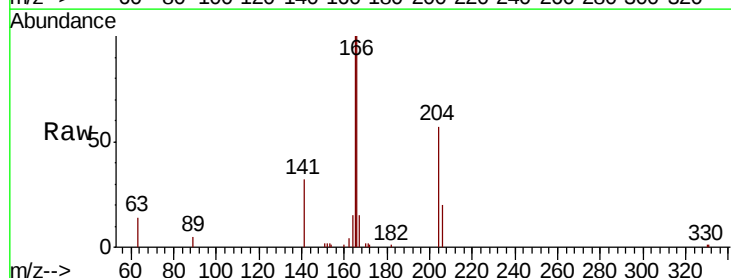
Tgt Ion:166 Resp: 8232

Ion Ratio Lower Upper

166 100

165 98.3 78.0 117.0

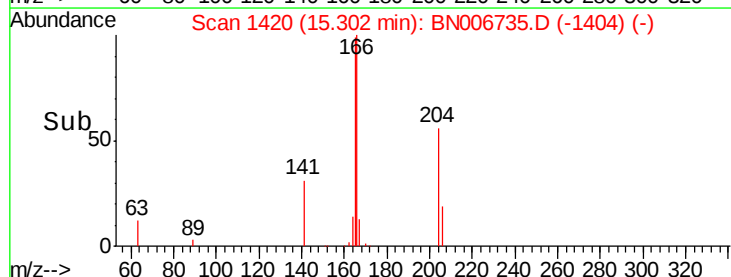
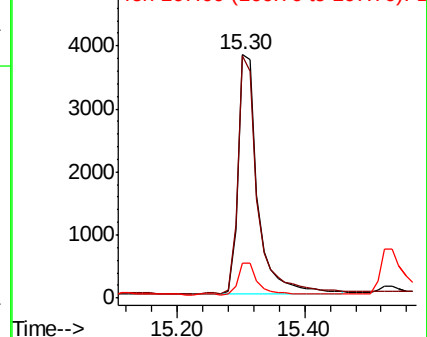
167 13.5 10.7 16.1



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: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

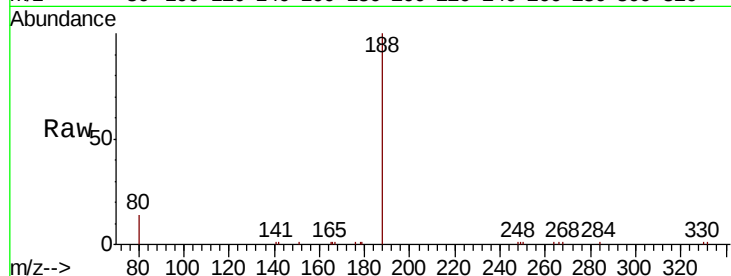
Tgt Ion:188 Resp: 12427

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

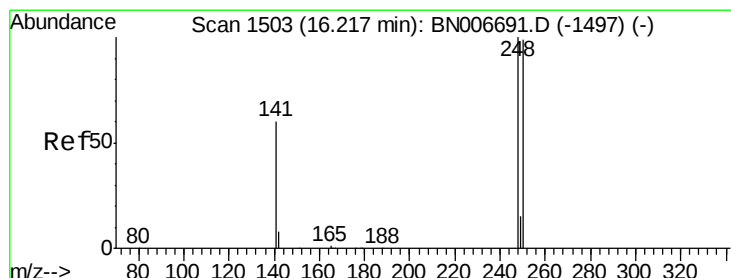
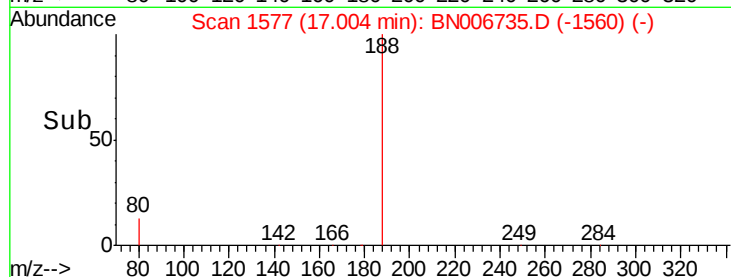
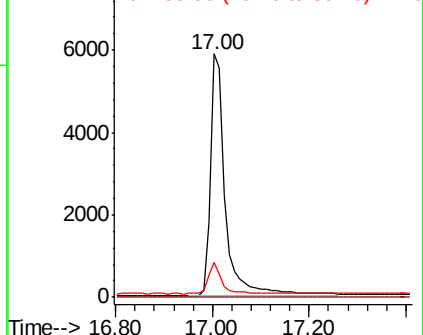
80 14.5 10.3 15.5



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: 0.343 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

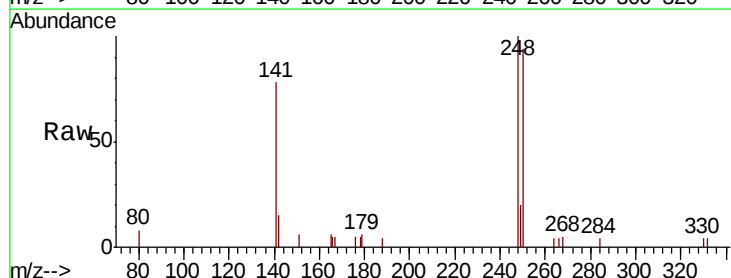
Tgt Ion:248 Resp: 2512

Ion Ratio Lower Upper

248 100

250 94.2 79.0 118.6

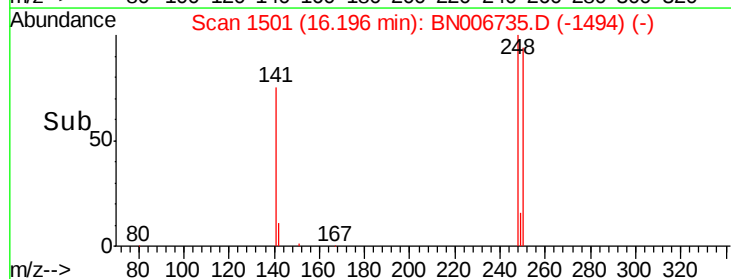
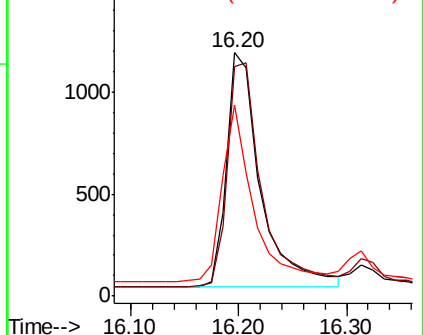
141 78.4 50.2 75.4#



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: 0.383 ng

RT: 16.32 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

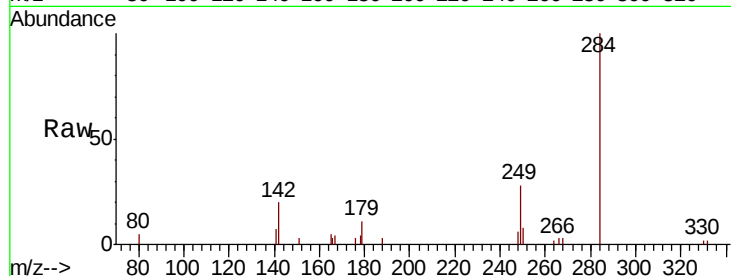
Instrument :

BNA_N

ClientSampleId :

PB121057BS

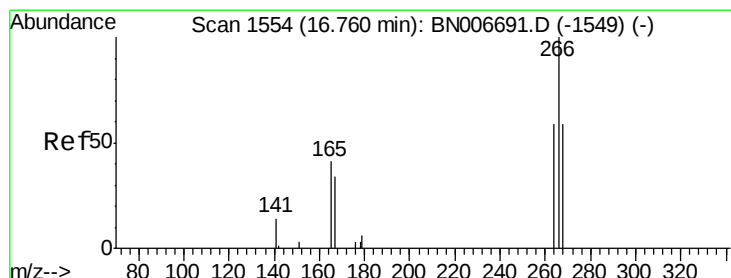
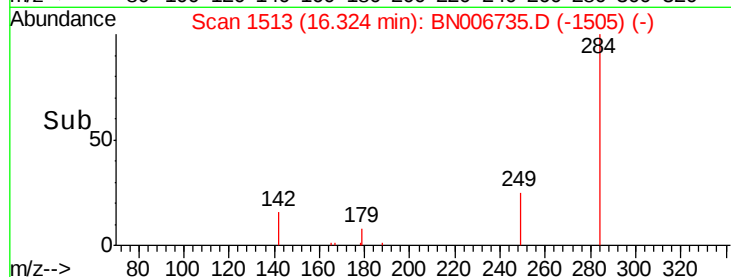
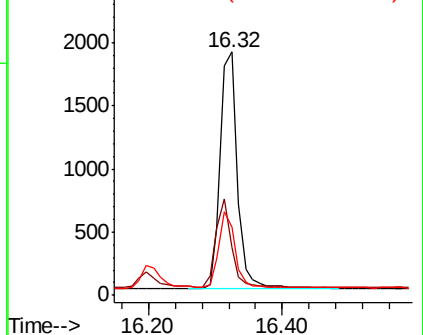
Tgt Ion:	284	Resp:	3337
Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.9	40.3
249	29.9	24.4	36.6



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: 0.596 ng

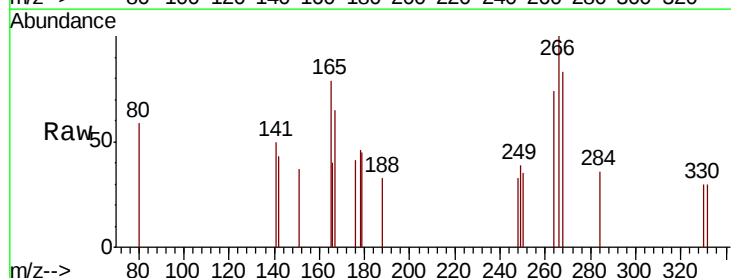
RT: 16.72 min Scan# 1550

Delta R.T. -0.04 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

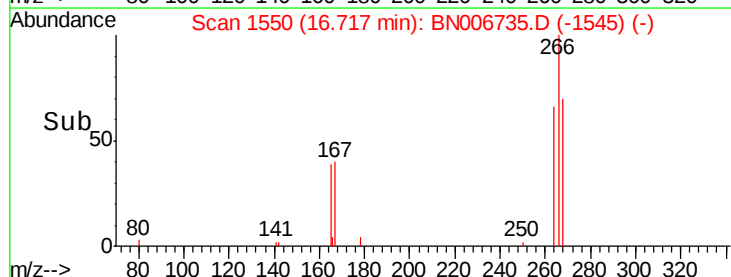
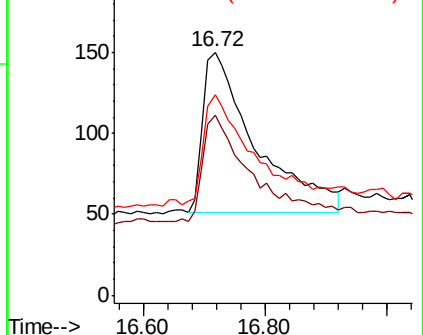
Tgt Ion:	266	Resp:	591
Ion	Ratio	Lower	Upper
266	100		
264	74.0	57.6	86.4
268	82.7	66.6	99.8

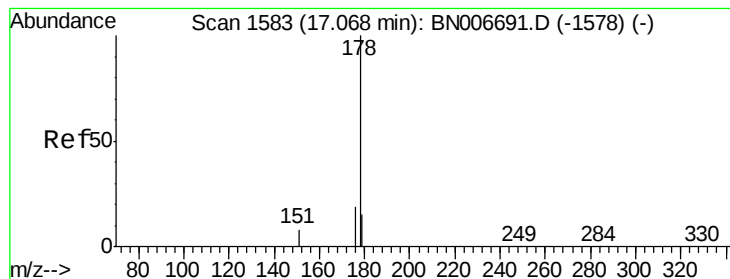


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.354 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

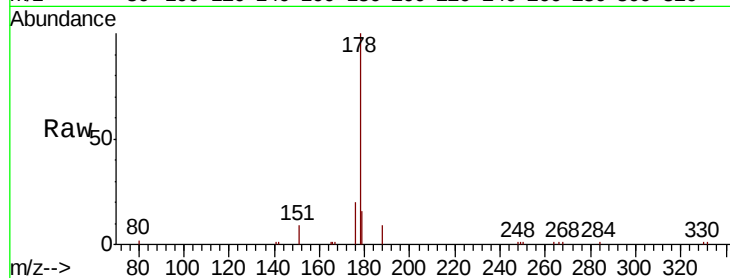
Tgt Ion:178 Resp: 12695

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

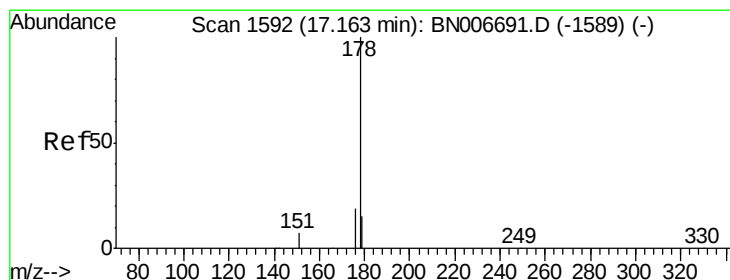
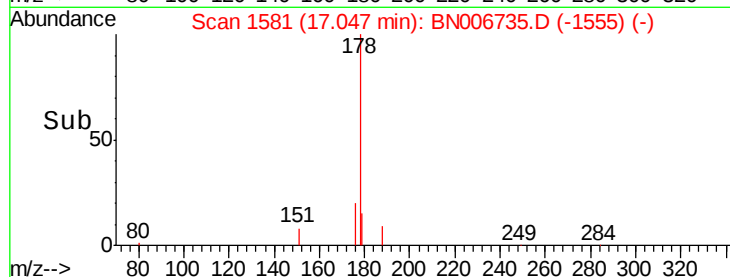
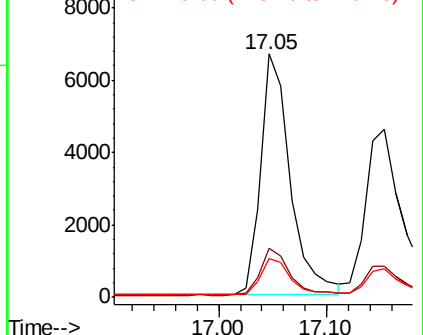
179 15.3 12.4 18.6



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: 0.338 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

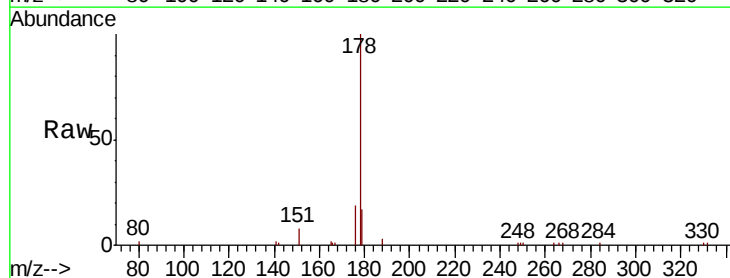
Tgt Ion:178 Resp: 10946

Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

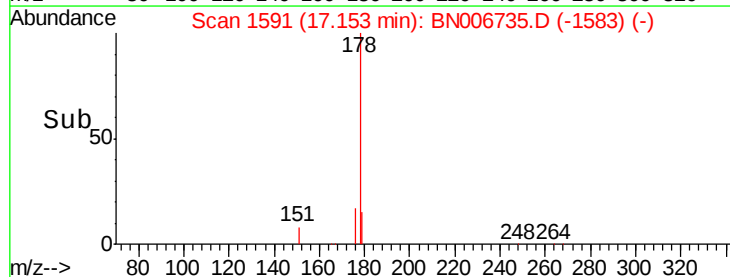
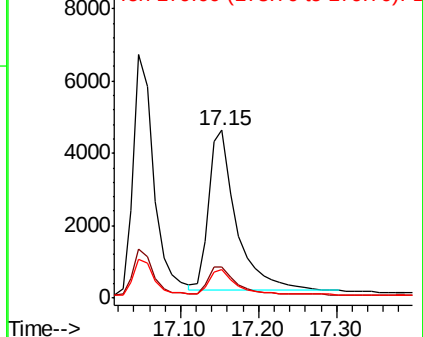
179 15.3 11.9 17.9

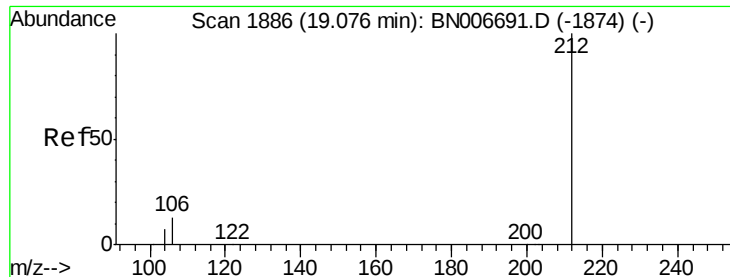


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

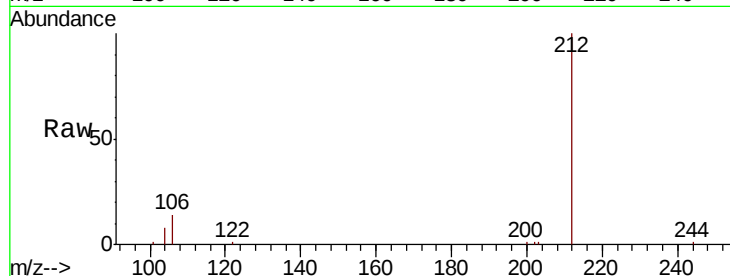
Tgt Ion:212 Resp: 13743

Ion Ratio Lower Upper

212 100

106 12.9 11.0 16.6

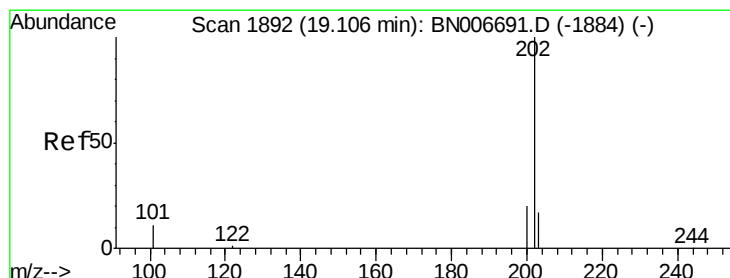
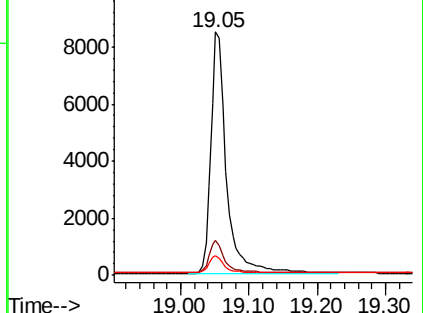
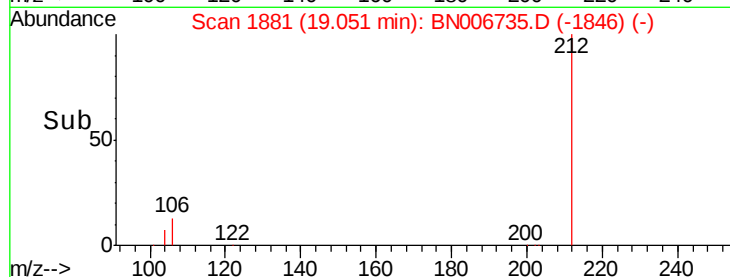
104 7.1 6.1 9.1



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: 0.372 ng

RT: 19.09 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

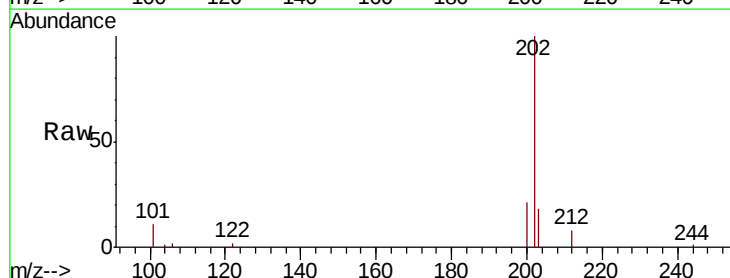
Tgt Ion:202 Resp: 15634

Ion Ratio Lower Upper

202 100

101 11.0 8.7 13.1

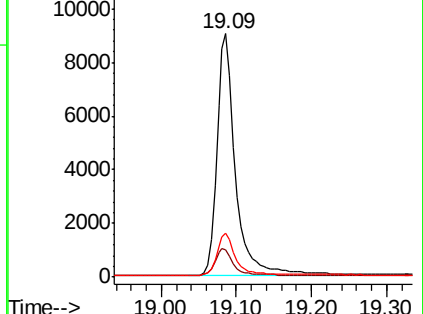
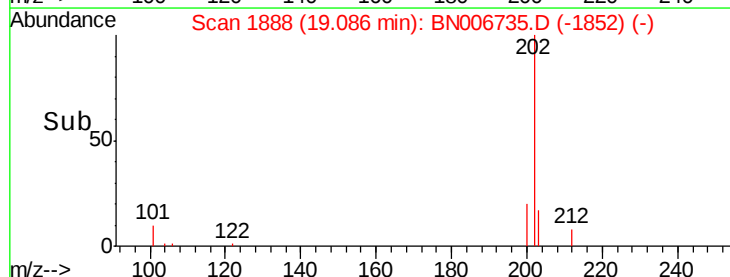
203 17.0 13.8 20.6



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

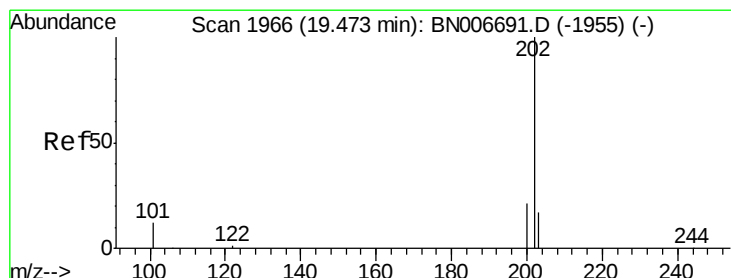
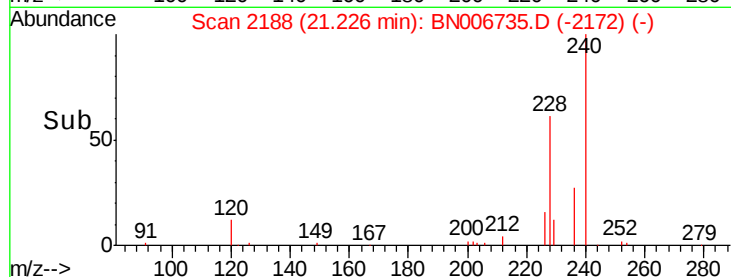
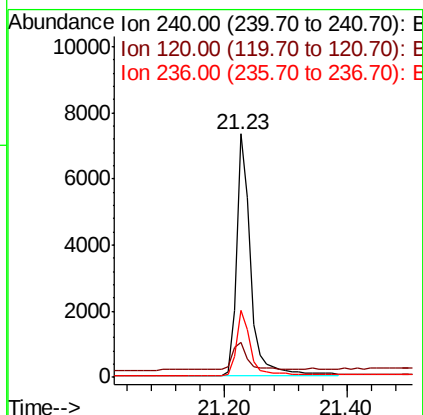
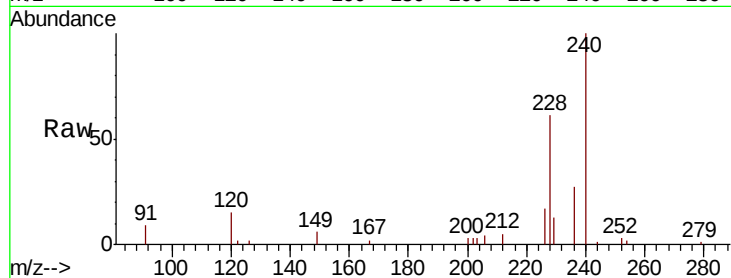




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

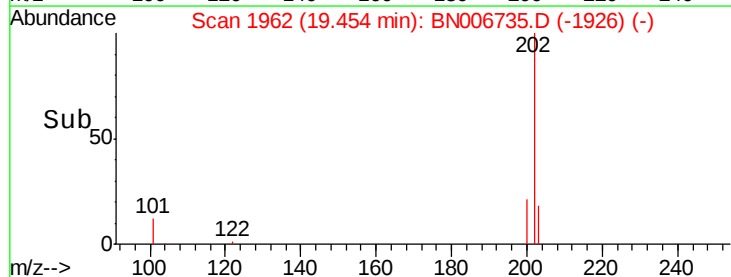
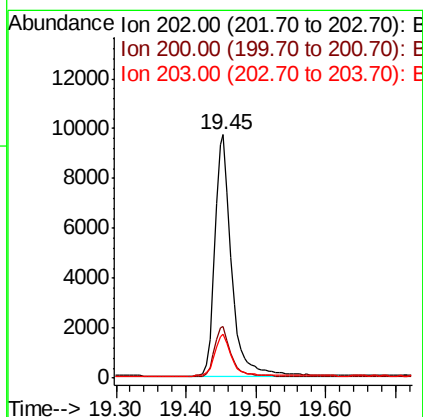
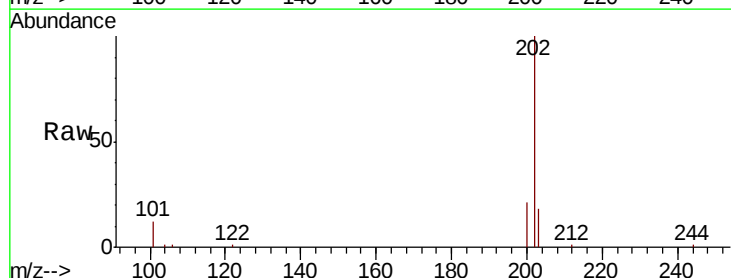
Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:240 Resp: 11794
Ion Ratio Lower Upper
240 100
120 14.6 12.9 19.3
236 27.3 23.2 34.8



#28
Pyrene
Concen: 0.341 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:202 Resp: 16102
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 18.1 14.2 21.2





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

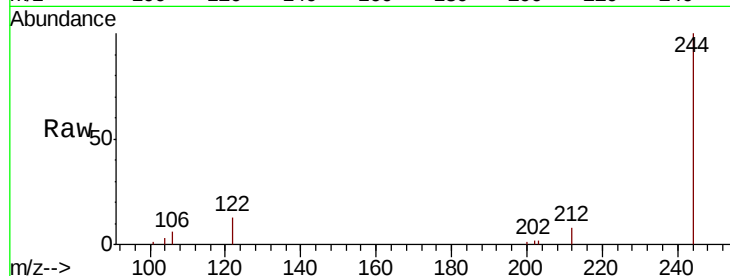
Tgt Ion:244 Resp: 10344

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

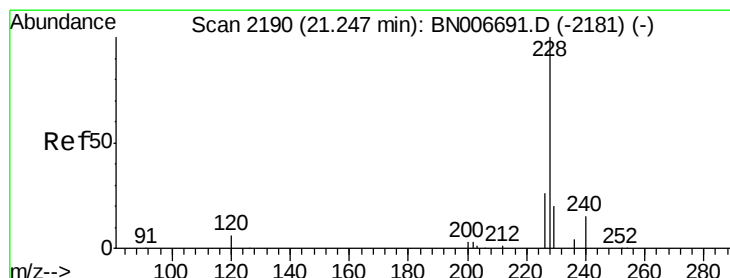
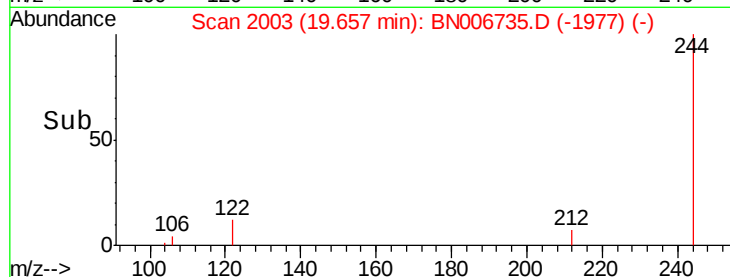
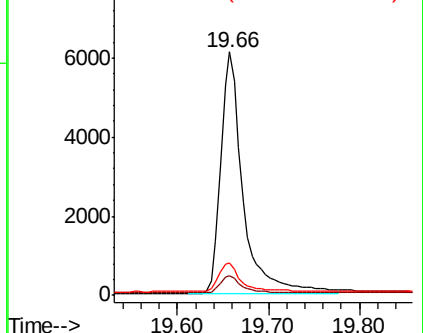
122 13.3 11.5 17.3



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: 0.345 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

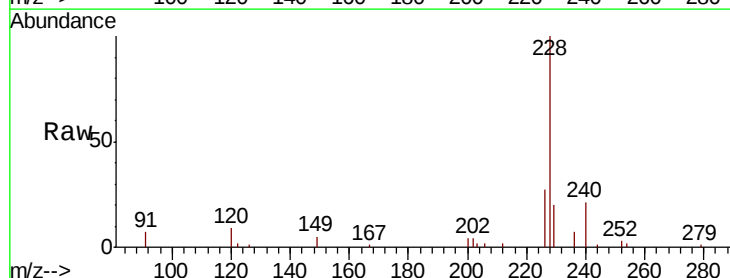
Tgt Ion:228 Resp: 14053

Ion Ratio Lower Upper

228 100

226 27.1 21.5 32.3

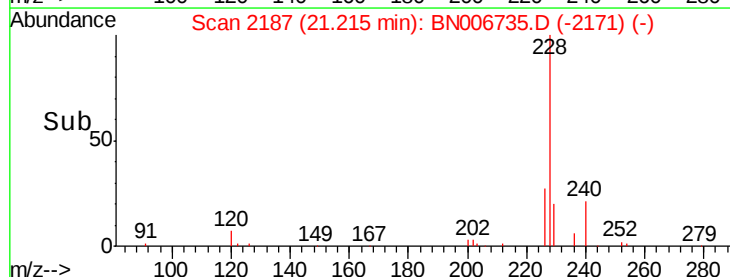
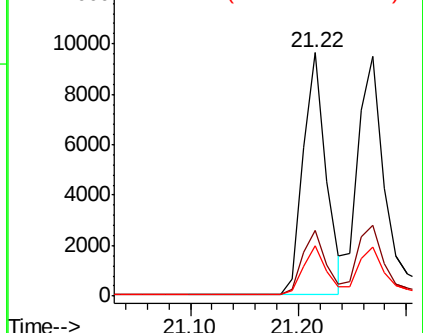
229 20.5 16.2 24.4

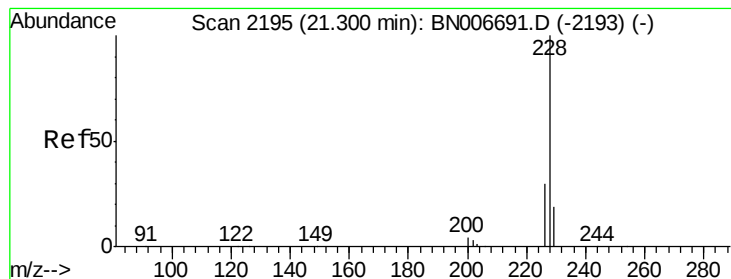


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.377 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

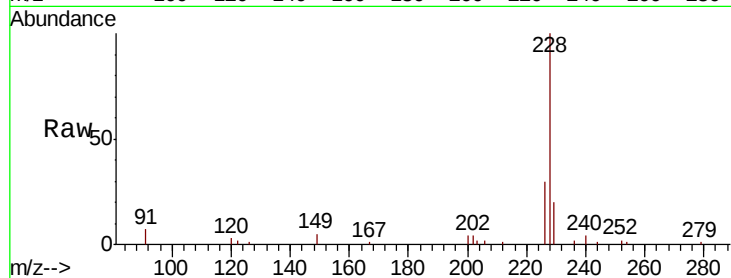
Tgt Ion:228 Resp: 15811

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

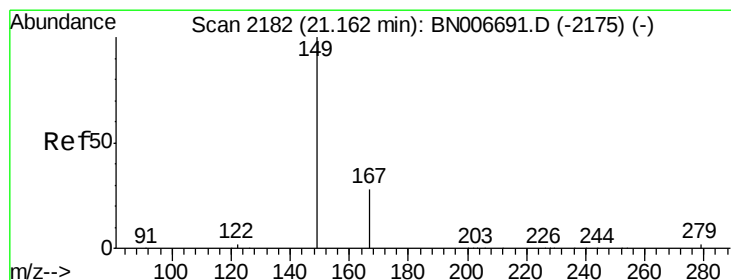
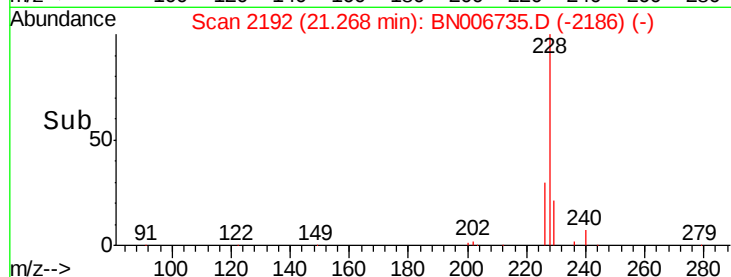
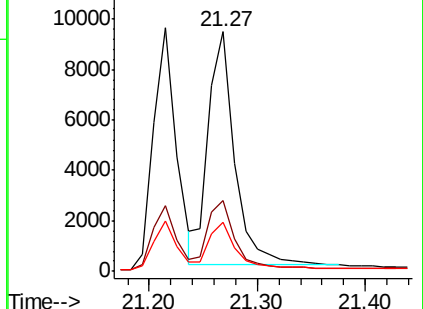
229 20.3 15.8 23.6



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: 0.051 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

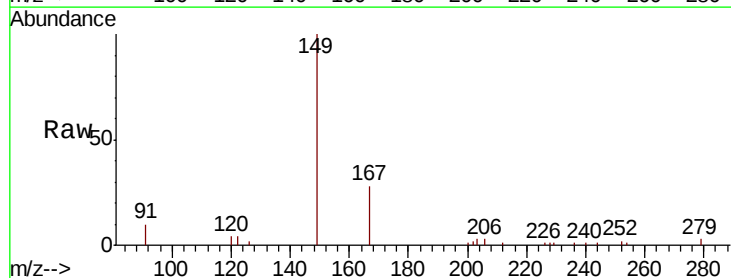
Tgt Ion:149 Resp: 6207

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

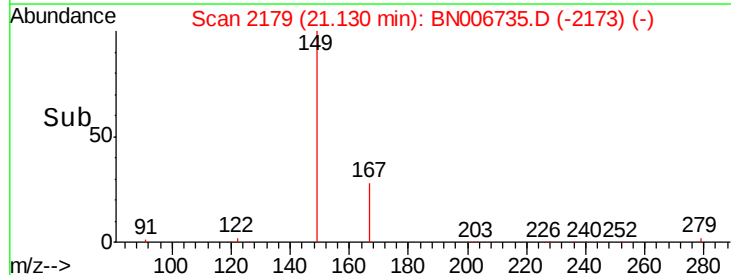
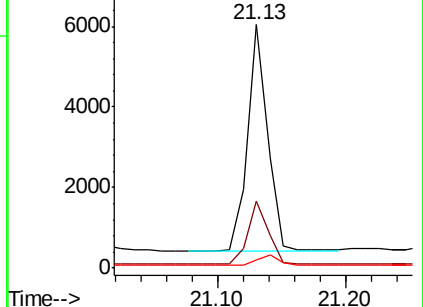
279 4.9 3.2 4.8#



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: 0.433 ng

RT: 25.68 min Scan# 3255

Delta R.T. -0.07 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

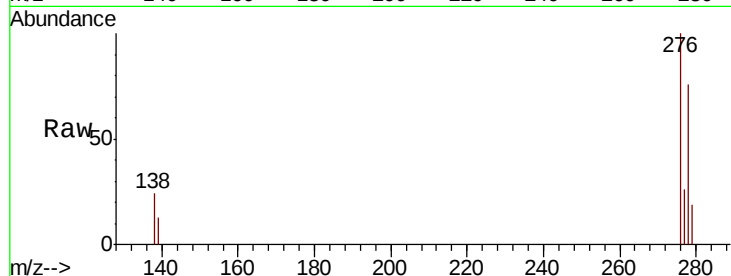
Tgt Ion:276 Resp: 21693

Ion Ratio Lower Upper

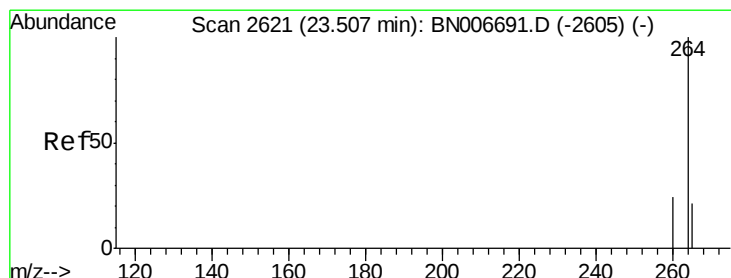
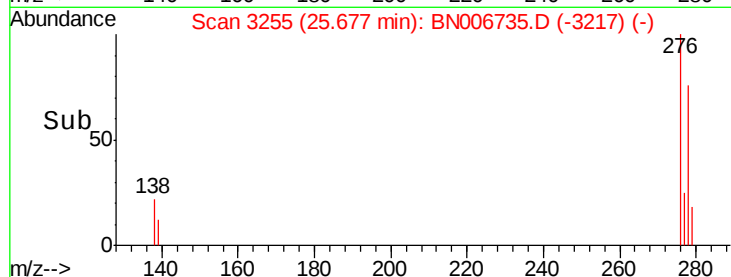
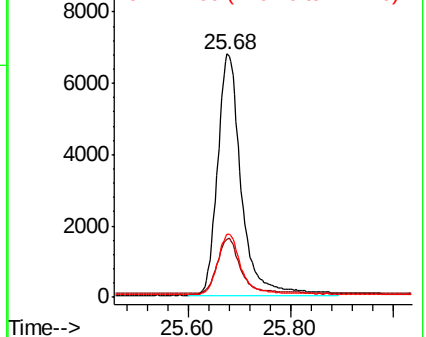
276 100

138 22.5 19.5 29.3

277 24.6 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: BN006735.D

Acq: 06 Jul 2019 02:58

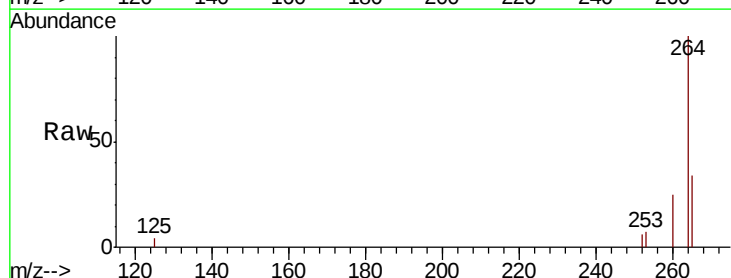
Tgt Ion:264 Resp: 14080

Ion Ratio Lower Upper

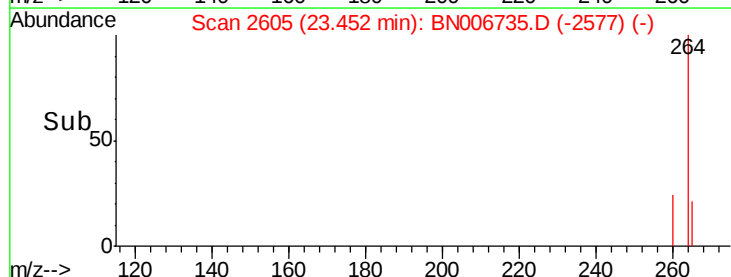
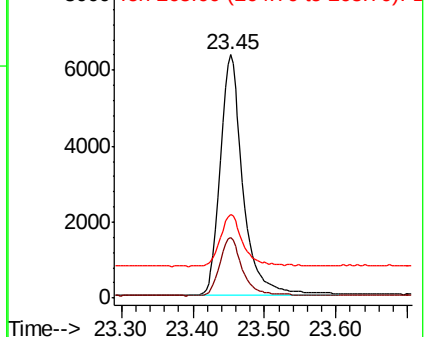
264 100

260 25.1 20.2 30.2

265 34.2 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: 0.352 ng

RT: 22.79 min Scan# 2411

Delta R.T. -0.05 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

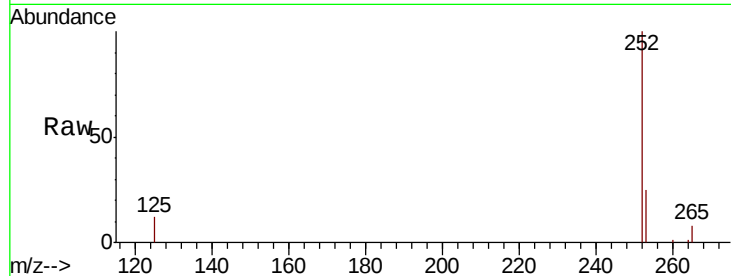
Tgt Ion:252 Resp: 15924

Ion Ratio Lower Upper

252 100

253 24.8 20.2 30.2

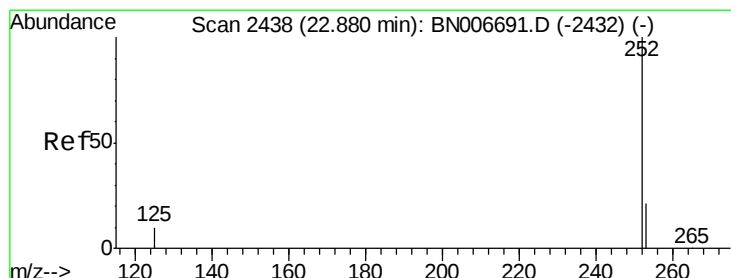
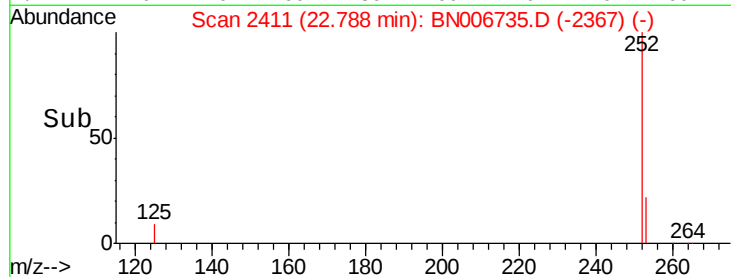
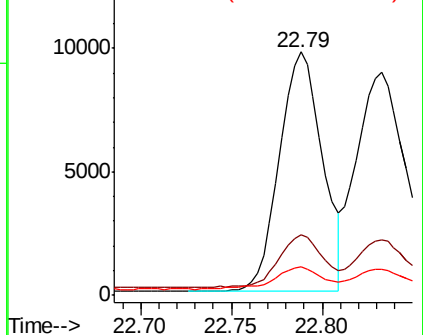
125 11.7 11.5 17.3



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: 0.385 ng

RT: 22.83 min Scan# 2424

Delta R.T. -0.05 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

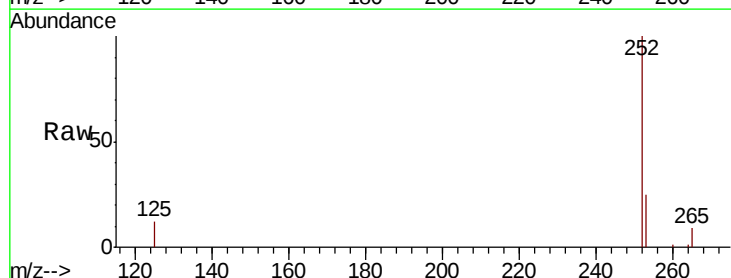
Tgt Ion:252 Resp: 18869

Ion Ratio Lower Upper

252 100

253 24.9 20.1 30.1

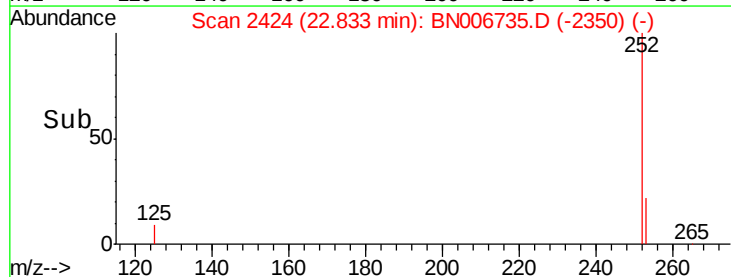
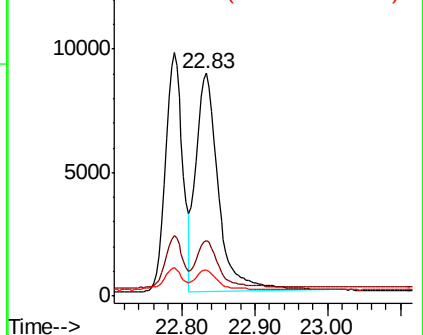
125 11.5 11.4 17.0



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: 0.389 ng

RT: 23.36 min Scan# 2577

Delta R.T. -0.05 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS

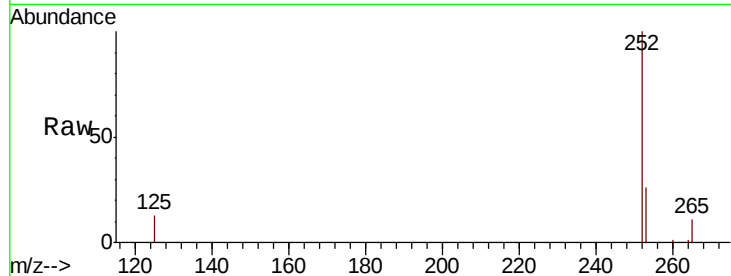
Tgt Ion:252 Resp: 17042

Ion Ratio Lower Upper

252 100

253 25.9 21.4 32.2

125 13.0 13.3 19.9#

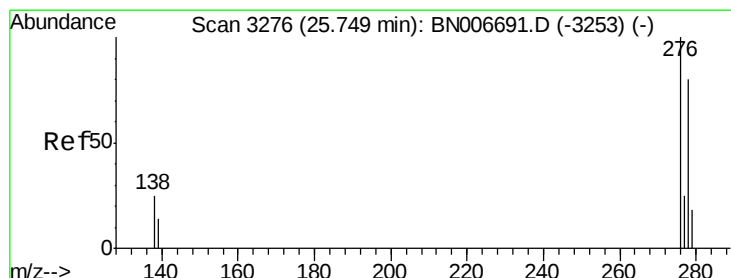
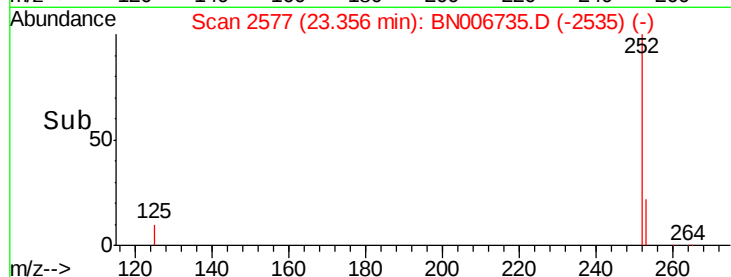
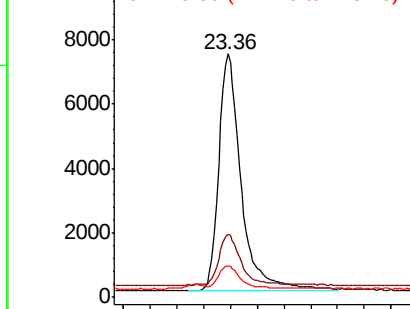


Abundance

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: 0.401 ng

RT: 25.68 min Scan# 3256

Delta R.T. -0.07 min

Lab File: BN006735.D

Acq: 06 Jul 2019 02:58

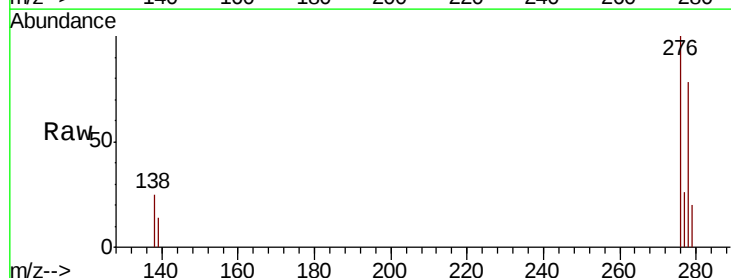
Tgt Ion:278 Resp: 17434

Ion Ratio Lower Upper

278 100

139 17.3 16.2 24.4

279 25.9 20.7 31.1

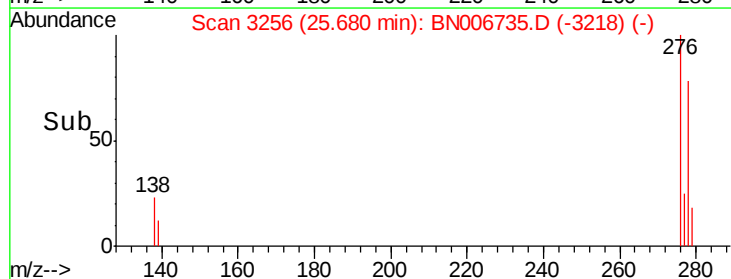
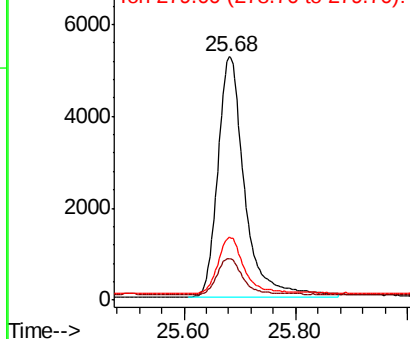


Abundance

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: 0.422 ng

RT: 26.36 min Scan# 3455

Delta R.T. -0.07 min

Lab File: BN006735.D

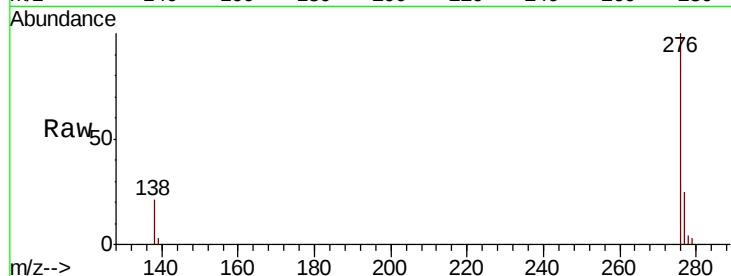
Acq: 06 Jul 2019 02:58

Instrument :

BNA_N

ClientSampleId :

PB121057BS



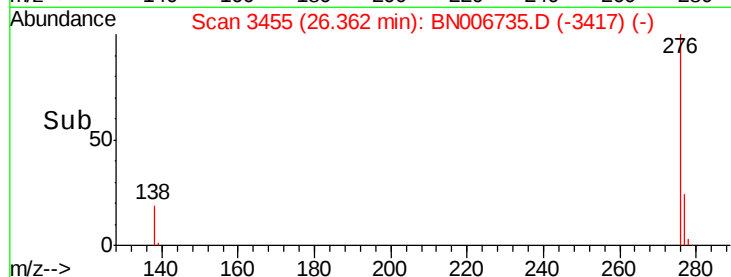
Tgt Ion: 276 Resp: 18899

Ion Ratio Lower Upper

276 100

277 24.8 20.6 30.8

138 21.2 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

