

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006689.D
 Acq On : 02 Jul 2019 13:27
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 02 17:07:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 17:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3322	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	13107	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	7316	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	16310	0.40	ng	0.00
27) Chrysene-d12	21.26	240	14627	0.40	ng	0.00
34) Perylene-d12	23.49	264	16557	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	952	0.12	ng	0.00
5) Phenol-d6	6.84	99	1138	0.11	ng	0.00
8) Nitrobenzene-d5	8.79	82	1036	0.12	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	2015	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	392	0.11	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	2792	0.10	ng	0.00
25) Fluoranthene-d10	19.08	212	4715	0.10	ng	0.00
29) Terphenyl-d14	19.68	244	3438	0.11	ng	0.00

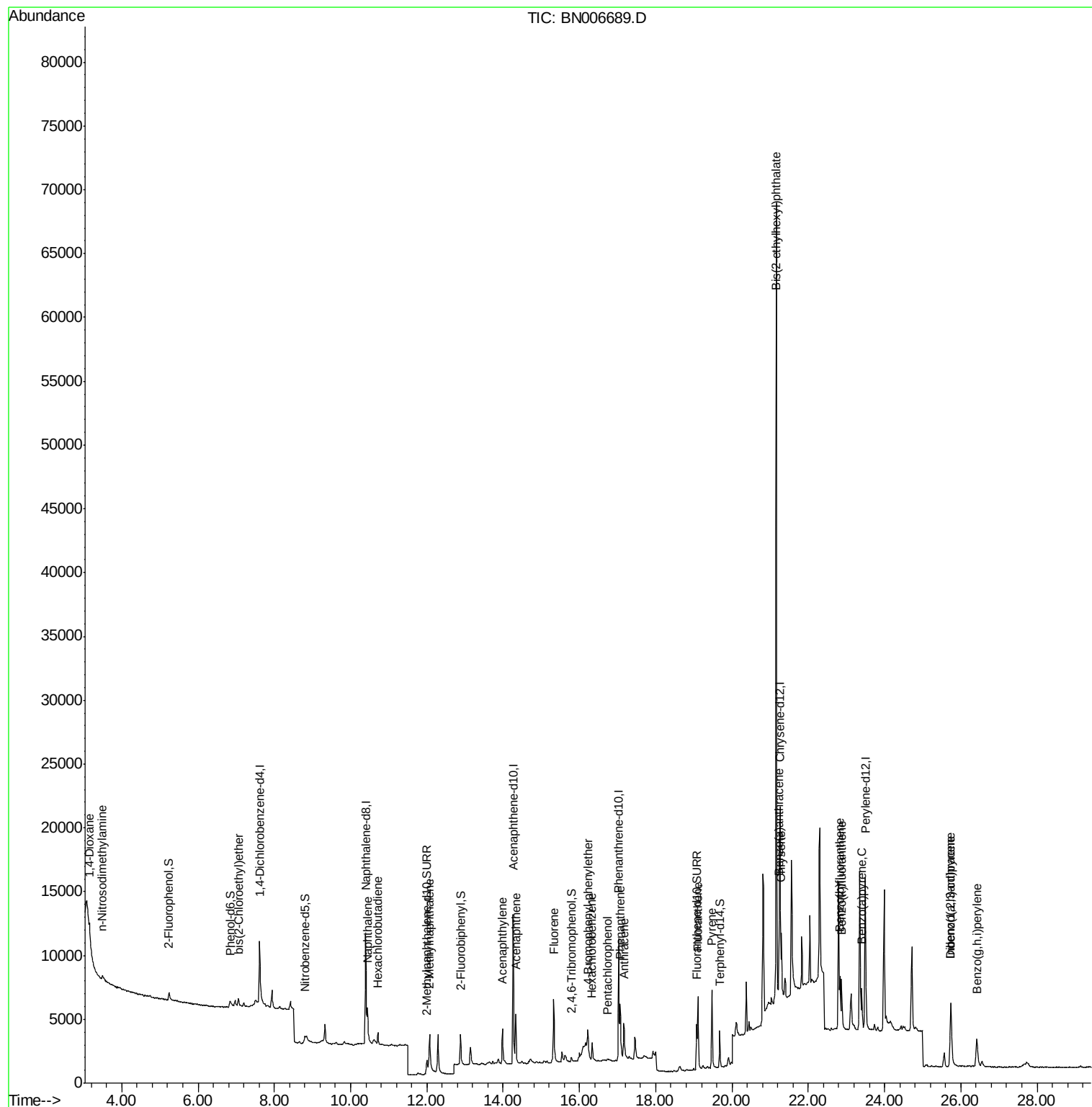
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	622	0.135	ng	# 76
3) n-Nitrosodimethylamine	3.50	42	324	0.090	ng	# 97
6) bis(2-Chloroethyl)ether	7.06	93	939	0.098	ng	93
9) Naphthalene	10.44	128	4192	0.122	ng	# 91
10) Hexachlorobutadiene	10.72	225	747	0.106	ng	# 100
12) 2-Methylnaphthalene	12.07	142	4325	0.182	ng	96
16) Acenaphthylene	13.99	152	3475	0.100	ng	99
17) Acenaphthene	14.33	154	2269	0.099	ng	98
18) Fluorene	15.32	166	2908	0.100	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	964	0.107	ng	# 39
21) Hexachlorobenzene	16.33	284	1108	0.097	ng	97
22) Pentachlorophenol	16.74	266	212	0.116	ng	93
23) Phenanthrene	17.07	178	5095	0.110	ng	99
24) Anthracene	17.16	178	4183	0.104	ng	99
26) Fluoranthene	19.11	202	5830	0.103	ng	99
28) Pyrene	19.47	202	6513	0.127	ng	100
30) Benzo(a)anthracene	21.24	228	4988	0.104	ng	93
31) Chrysene	21.29	228	5238	0.102	ng	93
32) Bis(2-ethylhexyl)phthalate	21.16	149	60209	2.502	ng	100
33) Indeno(1,2,3-cd)pyrene	25.74	276	6148	0.118	ng	99
35) Benzo(b)fluoranthene	22.83	252	5094	0.090	ng	# 48
36) Benzo(k)fluoranthene	22.87	252	5576	0.093	ng	# 54
37) Benzo(a)pyrene	23.40	252	4671	0.089	ng	# 46
38) Dibenzo(a,h)anthracene	25.74	278	4976	0.108	ng	# 71
39) Benzo(g,h,i)perylene	26.42	276	5160	0.112	ng	# 82

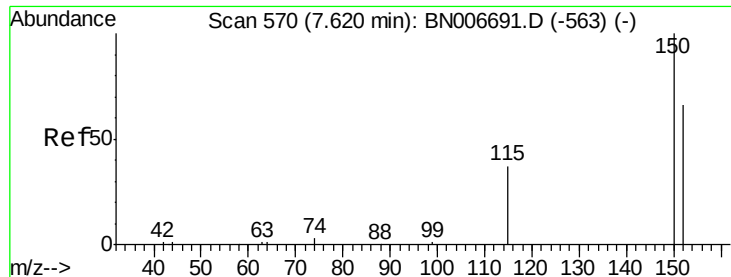
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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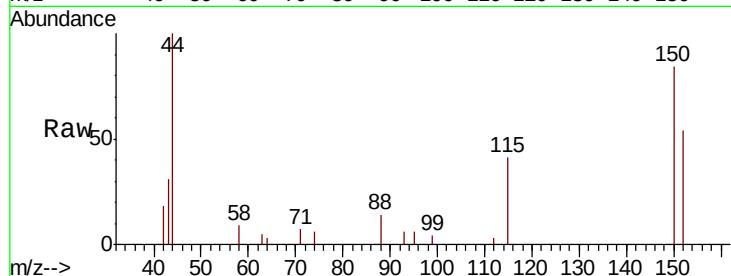


#1

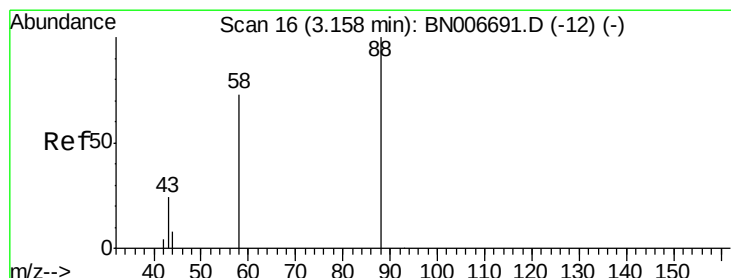
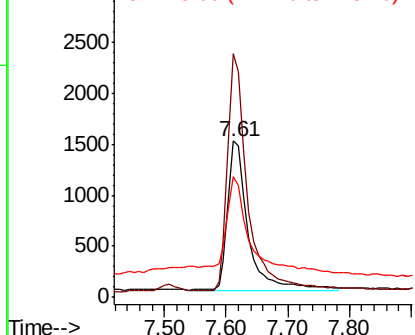
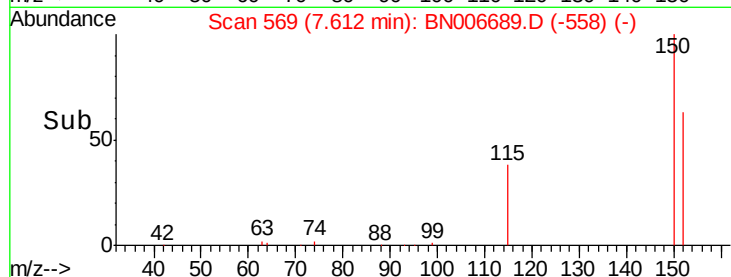
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3322
Ion Ratio Lower Upper
152 100
150 156.0 120.6 181.0
115 77.0 51.0 76.6#



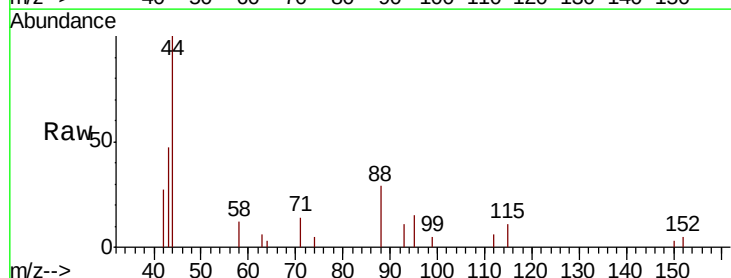
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



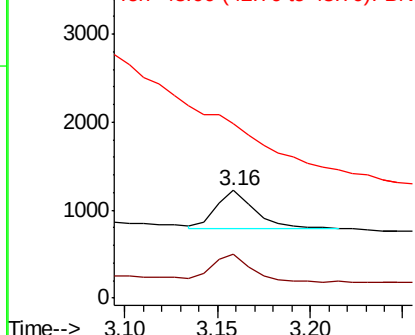
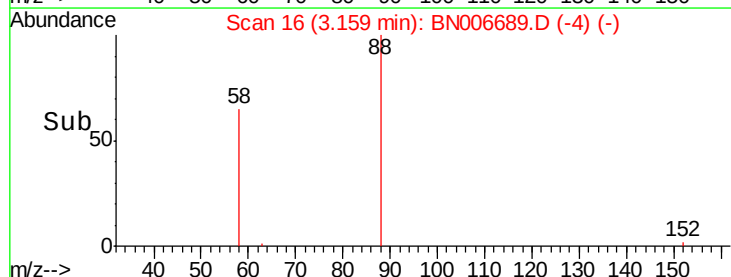
#2

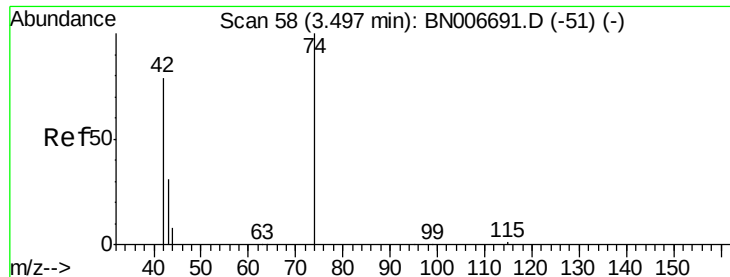
1,4-Dioxane
Concen: 0.135 ng
RT: 3.16 min Scan# 16
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion: 88 Resp: 622
Ion Ratio Lower Upper
88 100
58 78.0 61.1 91.7
43 0.0 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



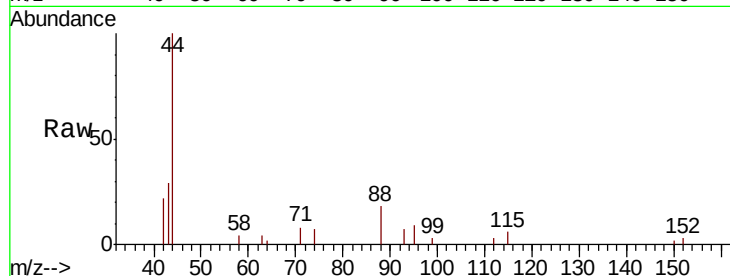


#3

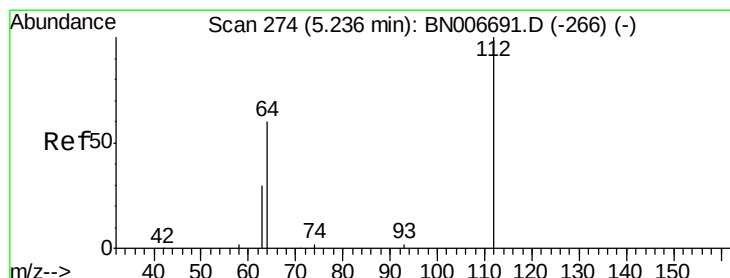
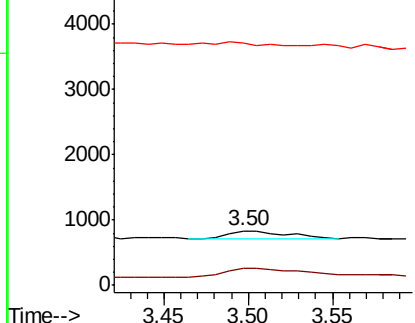
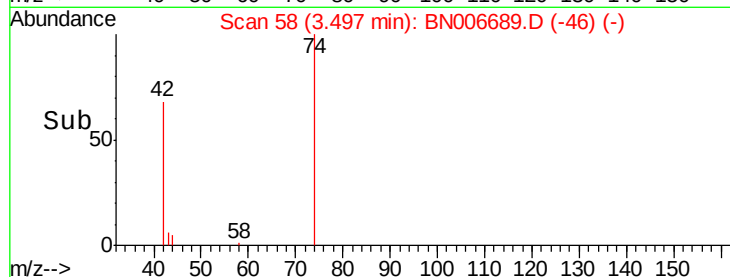
n-Nitrosodimethylamine
 Concen: 0.090 ng
 RT: 3.50 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: BN006689.D
 Acq: 02 Jul 2019 13:27

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 42 Resp: 324
 Ion Ratio Lower Upper
 42 100
 74 134.3 106.6 160.0
 44 0.0 8.0 12.0#



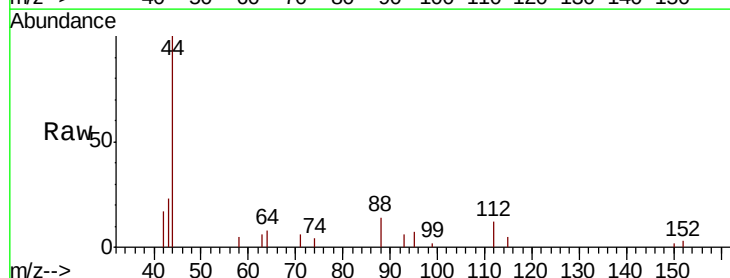
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



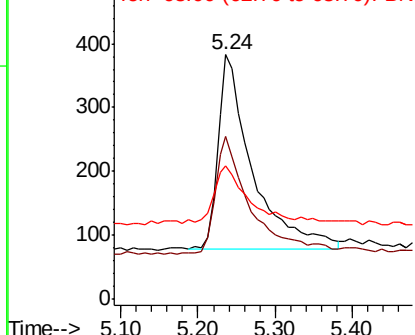
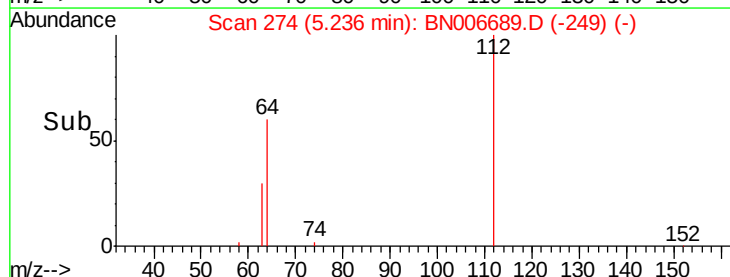
#4

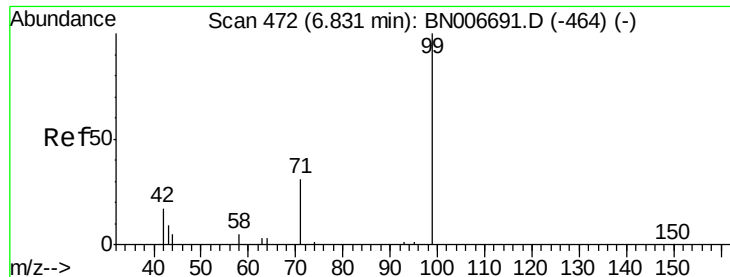
2-Fluorophenol
 Concen: 0.117 ng
 RT: 5.24 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: BN006689.D
 Acq: 02 Jul 2019 13:27

Tgt Ion: 112 Resp: 952
 Ion Ratio Lower Upper
 112 100
 64 61.8 49.8 74.6
 63 29.2 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: 0.106 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampleId :

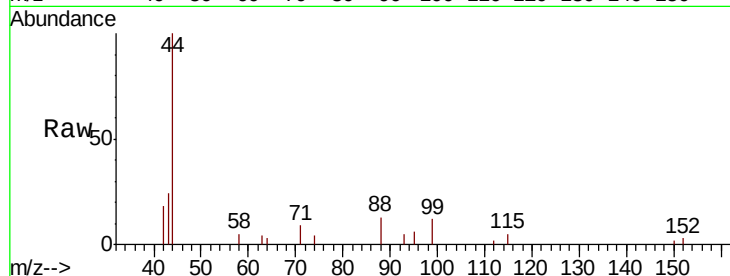
Tot Ion: 99 Resp: 1138

Ion Ratio Lower Upper

99 100

42 19.0 16.6 25.0

71 29.2 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006689.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006689.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006689.D (-464) (-)

6.84

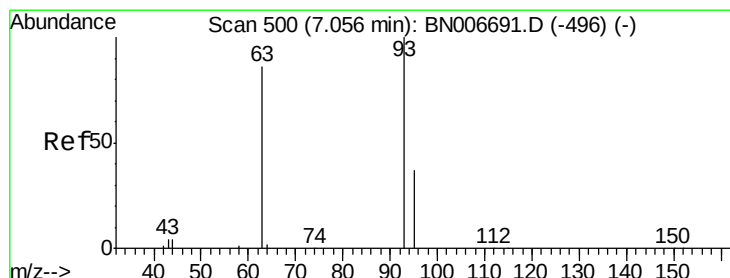
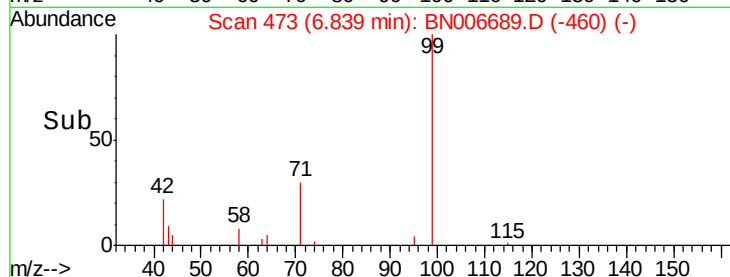
400

200

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.098 ng

RT: 7.06 min Scan# 500

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

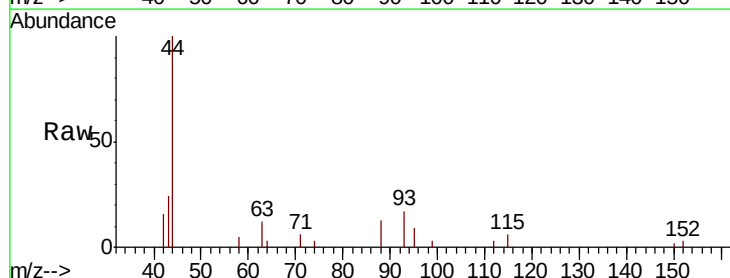
Tgt Ion: 93 Resp: 939

Ion Ratio Lower Upper

93 100

63 68.3 58.6 87.8

95 29.7 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN006689.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006689.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006689.D (-496) (-)

7.06

800

600

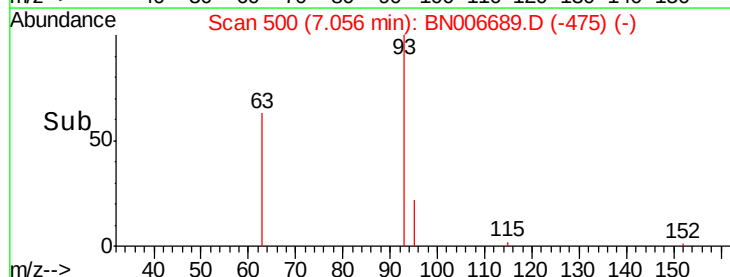
400

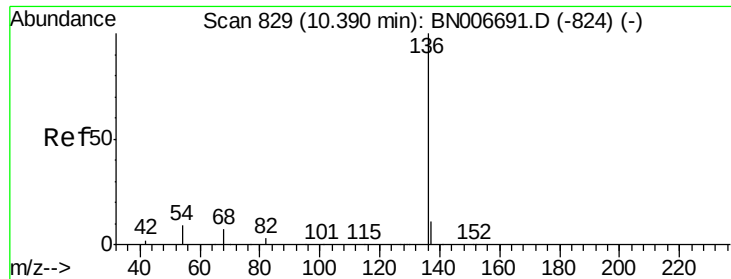
200

0

7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. 0.00 min

Lab File: BN006689.D

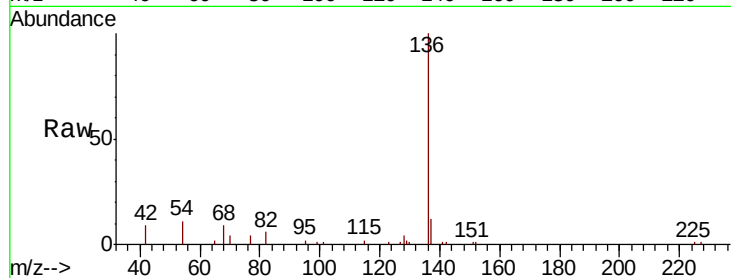
Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136	Resp:	13107
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.3 13.9
54	11.0	8.4 12.6
68	8.9	6.8 10.2

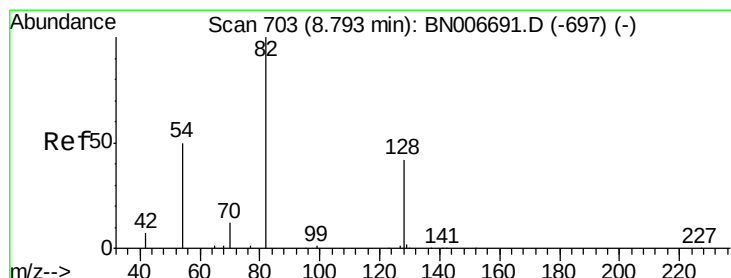
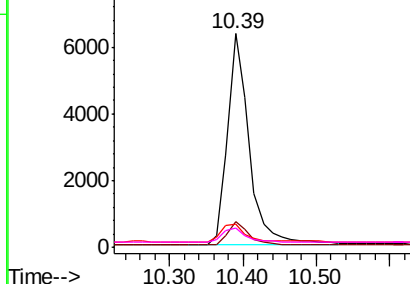
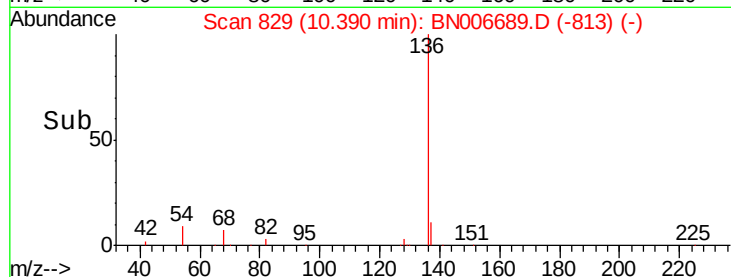


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.118 ng

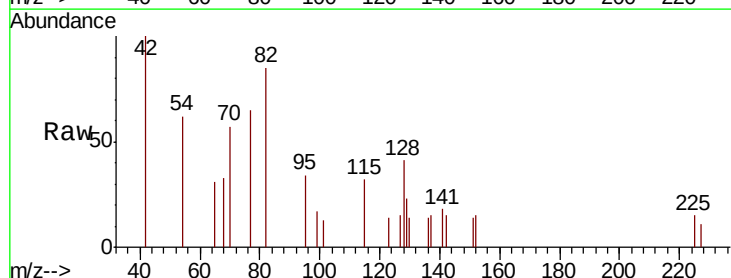
RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

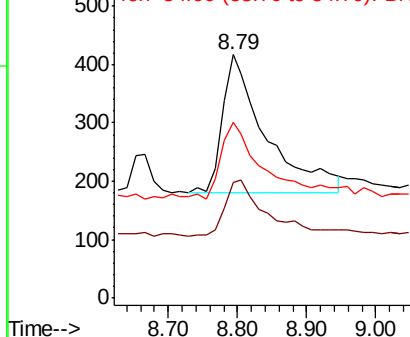
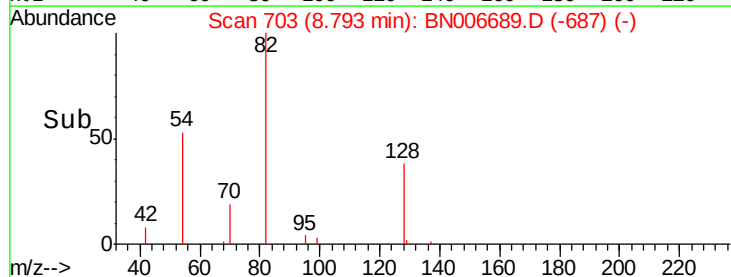
Tgt Ion: 82	Resp:	1036
Ion	Ratio	Lower Upper
82	100	
128	47.5	36.1 54.1
54	72.2	44.5 66.7#

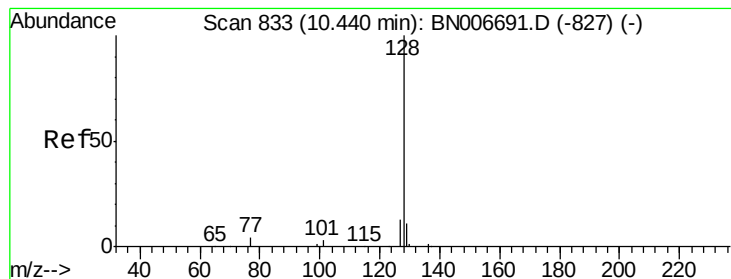


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.122 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampleId :

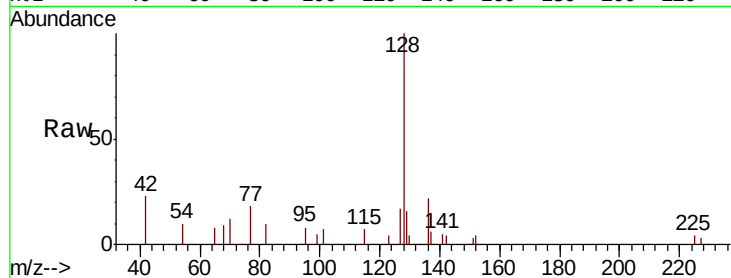
Tot Ion:128 Resp: 4192

Ion Ratio Lower Upper

128 100

129 16.0 9.6 14.4#

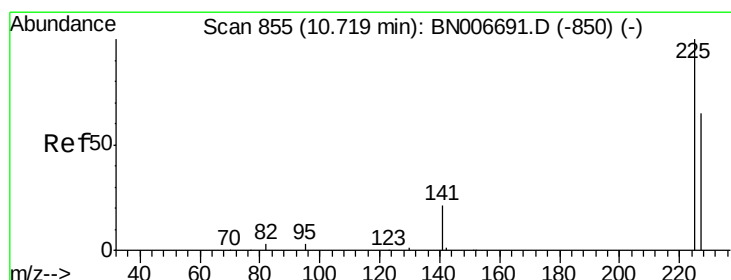
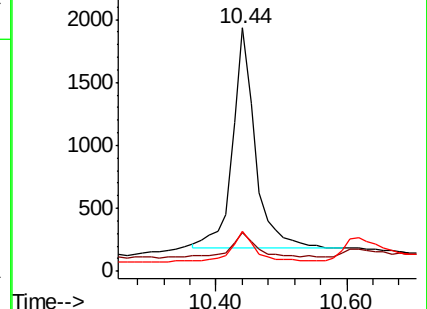
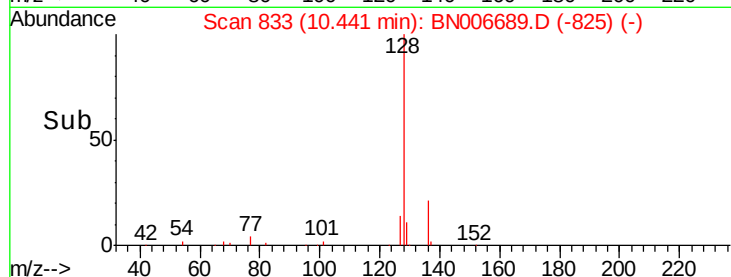
127 16.6 11.0 16.4#



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: 0.106 ng

RT: 10.72 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

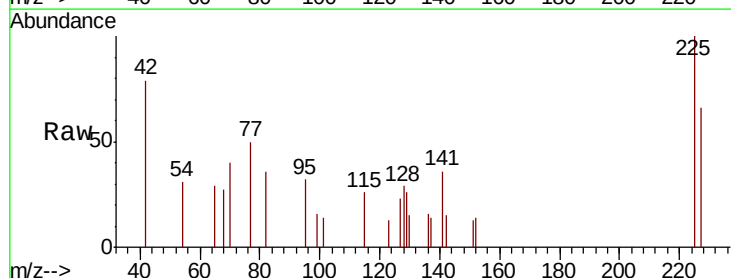
Tgt Ion:225 Resp: 747

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

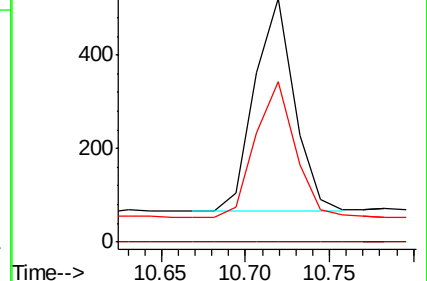
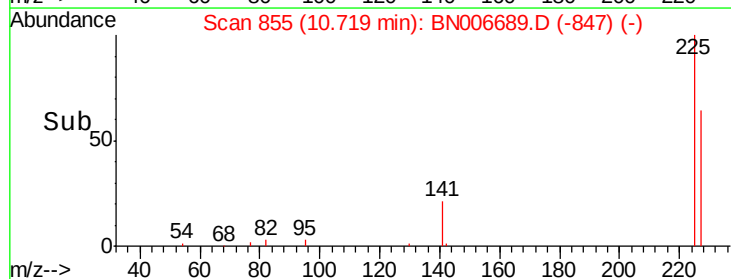
227 63.7 50.9 76.3

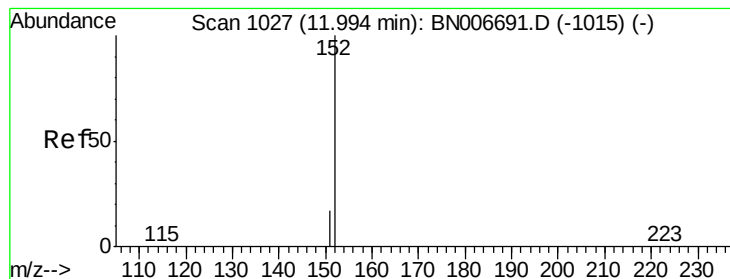


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.098 ng

RT: 12.00 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

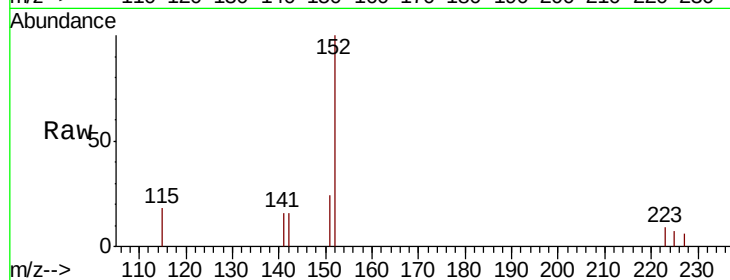
ClientSampled :

Tot Ion:152 Resp: 2015

Ion Ratio Lower Upper

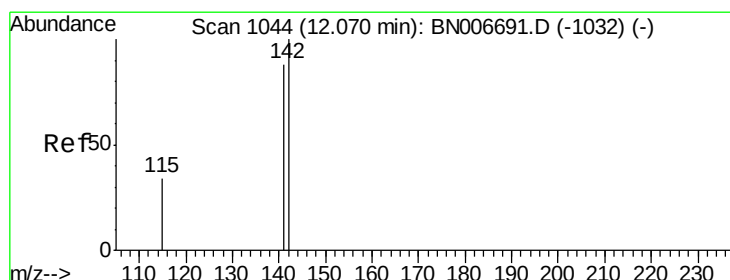
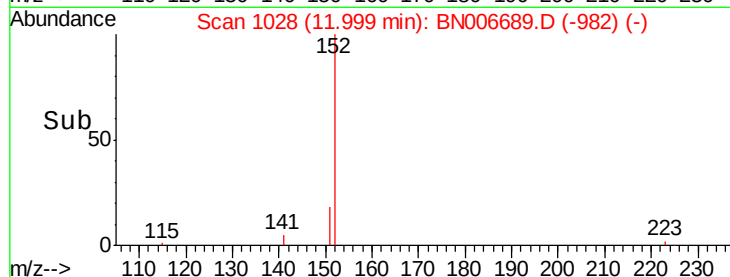
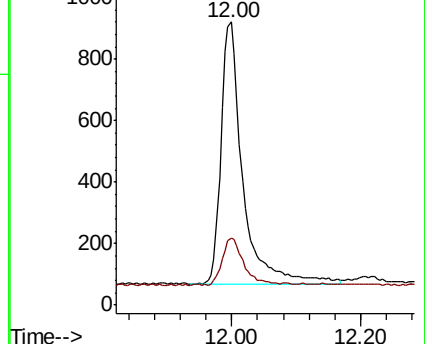
152 100

151 17.9 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.182 ng

RT: 12.07 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

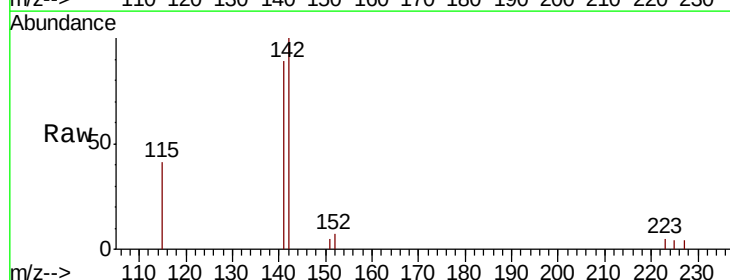
Tgt Ion:142 Resp: 4325

Ion Ratio Lower Upper

142 100

141 89.2 70.3 105.5

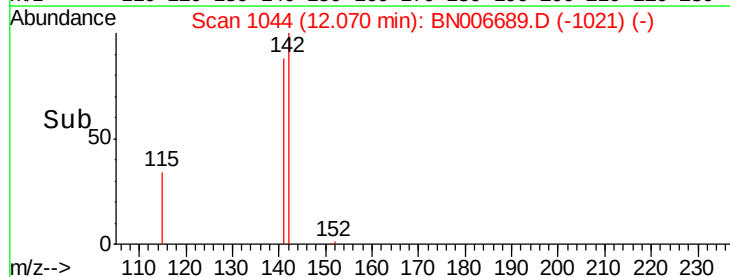
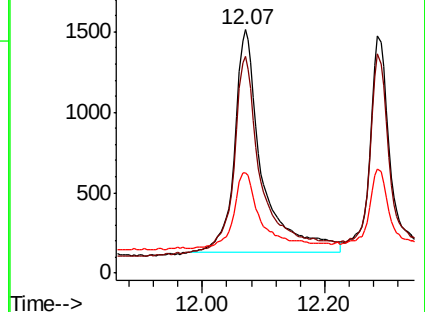
115 41.2 28.9 43.3

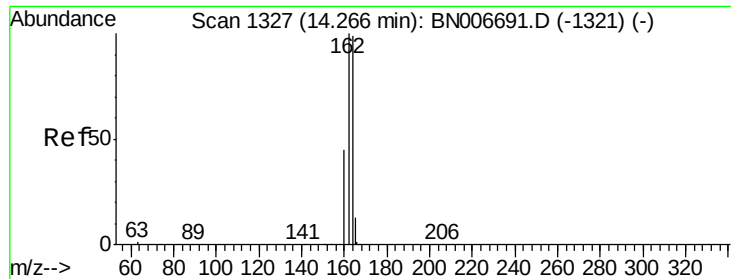


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampleId :

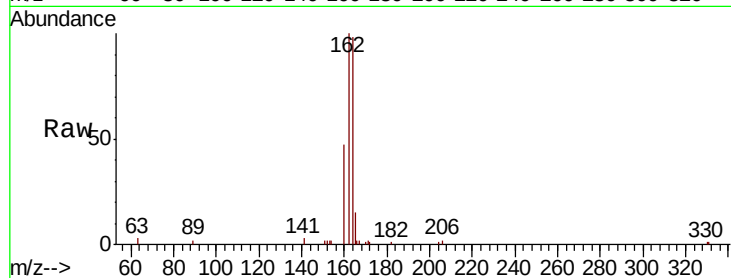
Tot Ion:164 Resp: 7316

Ion Ratio Lower Upper

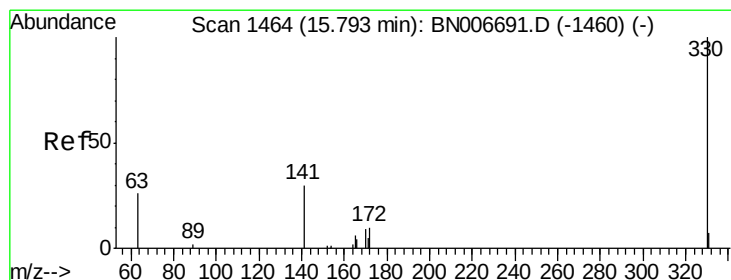
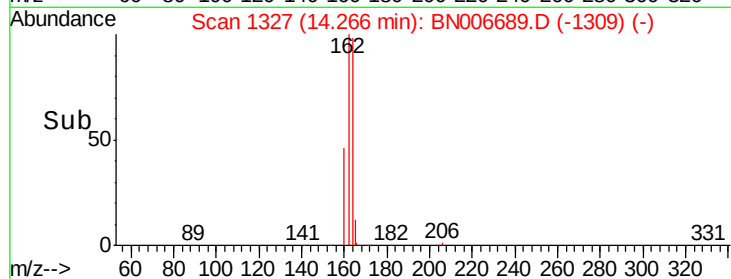
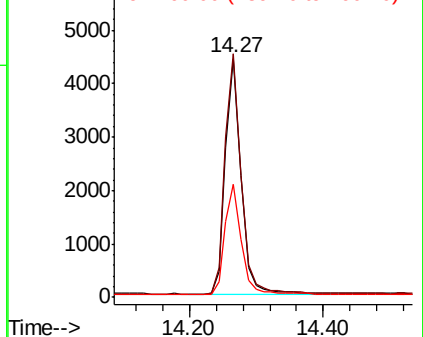
164 100

162 101.9 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: 0.114 ng

RT: 15.79 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

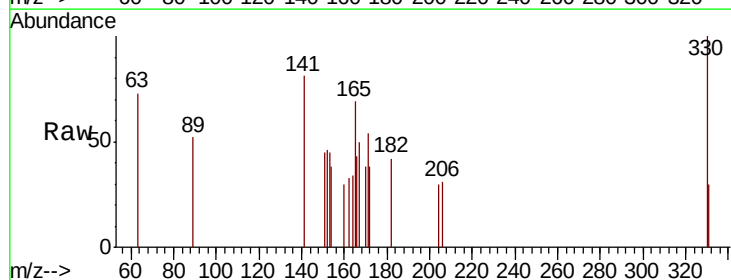
Tgt Ion:330 Resp: 392

Ion Ratio Lower Upper

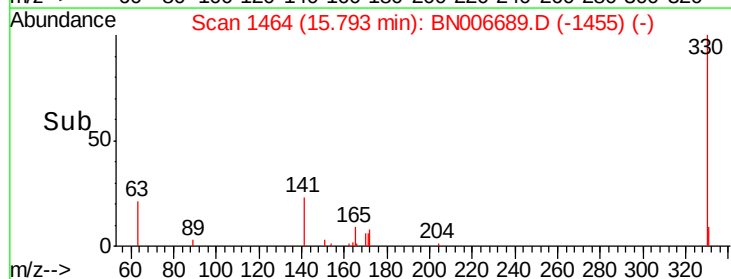
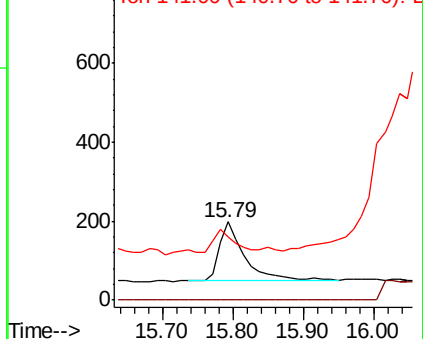
330 100

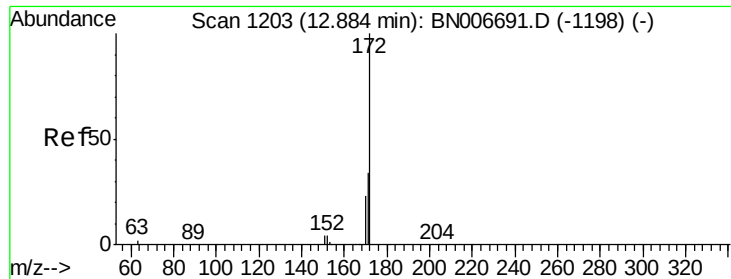
332 0.0 0.0 0.0

141 27.3 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

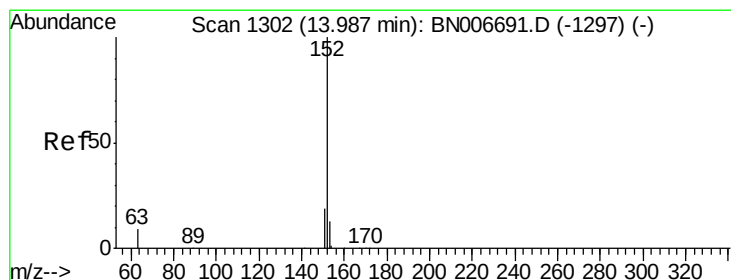
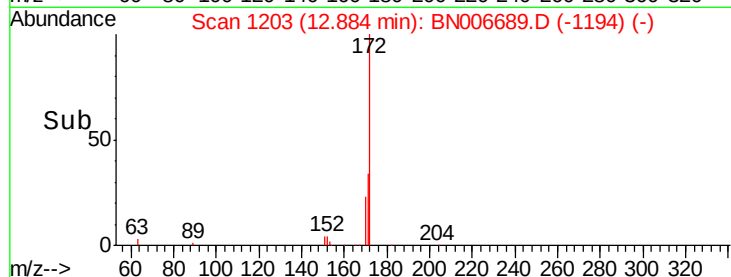
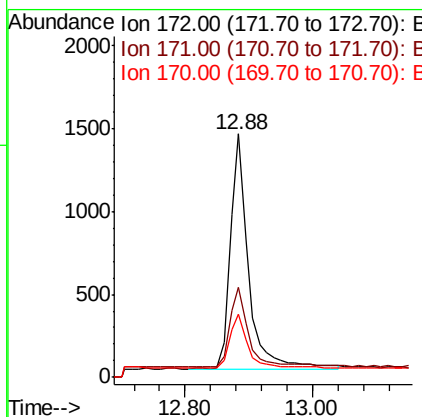
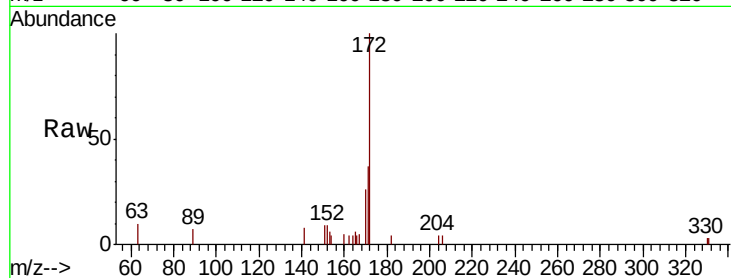




#15
2-Fluorobiphenyl
Concen: 0.103 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

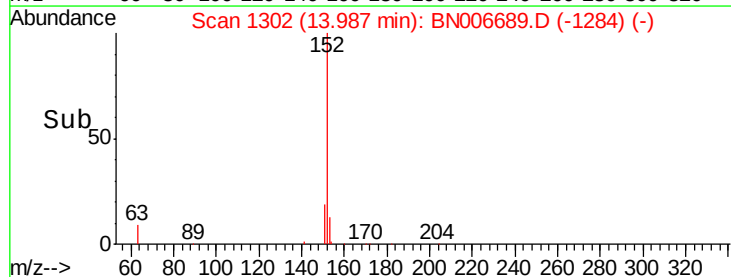
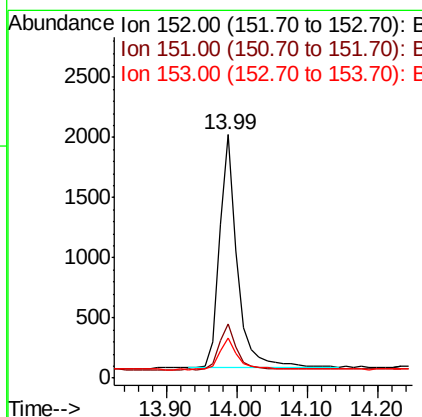
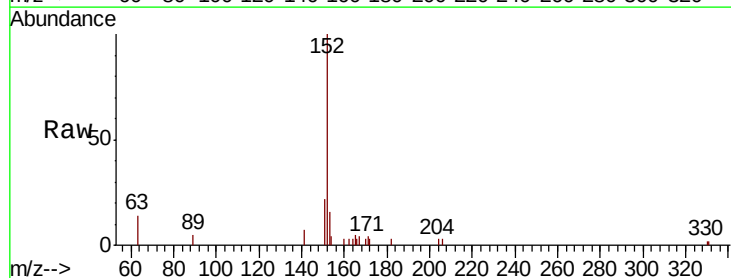
Instrument :
BNA_N
ClientSampleId :

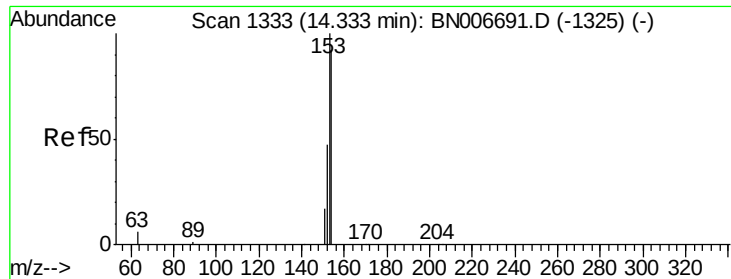
Tot Ion:172 Resp: 2792
Ion Ratio Lower Upper
172 100
171 37.1 27.8 41.6
170 25.7 18.9 28.3



#16
Acenaphthylene
Concen: 0.100 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:152 Resp: 3475
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.5 10.6 15.8

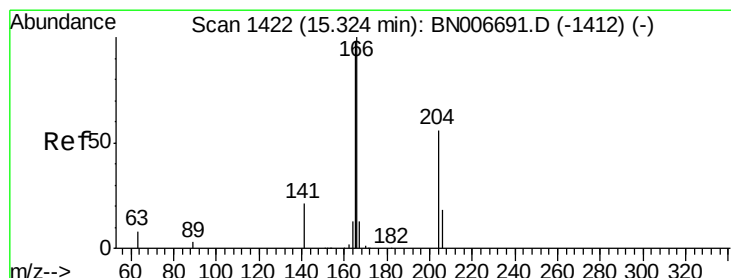
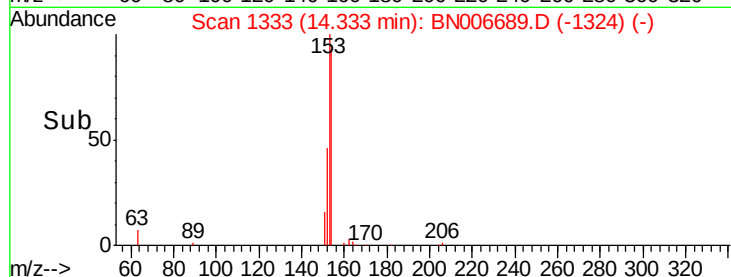
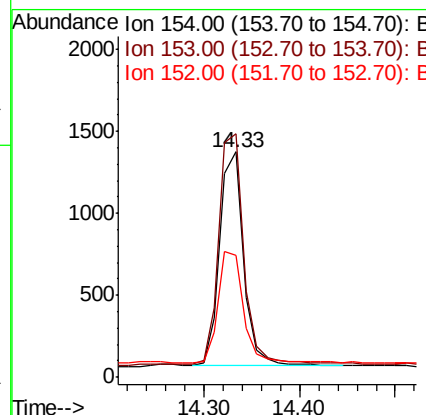
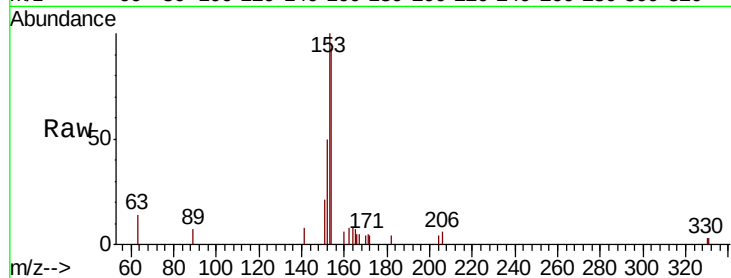




#17
Acenaphthene
Concen: 0.099 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

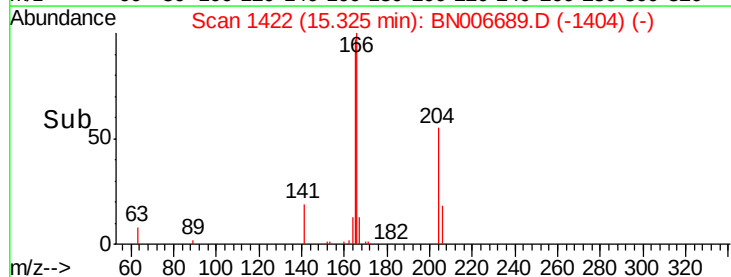
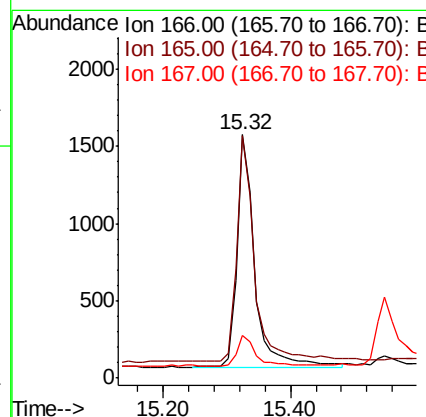
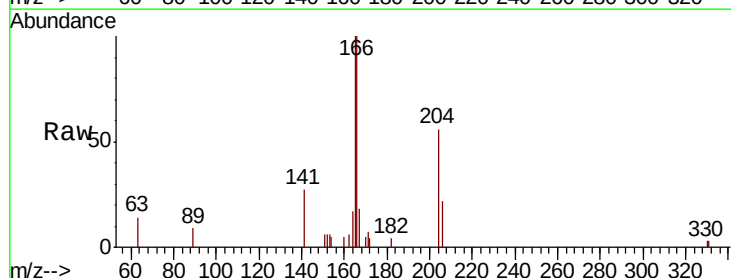
Instrument :
BNA_N
ClientSampleId :

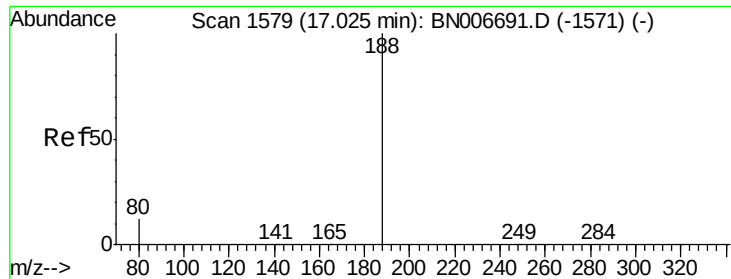
Tot Ion:154 Resp: 2269
Ion Ratio Lower Upper
154 100
153 113.2 88.9 133.3
152 55.6 42.8 64.2



#18
Fluorene
Concen: 0.100 ng
RT: 15.32 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:166 Resp: 2908
Ion Ratio Lower Upper
166 100
165 96.1 78.0 117.0
167 13.8 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampled :

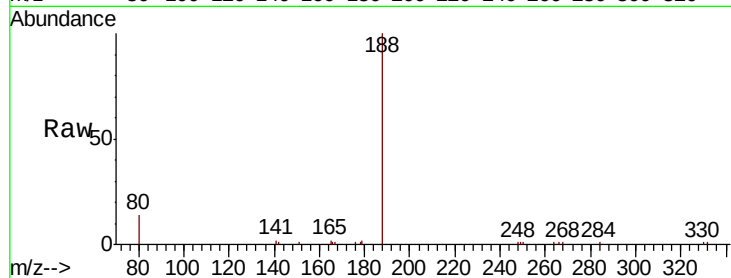
Tot Ion:188 Resp: 16310

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

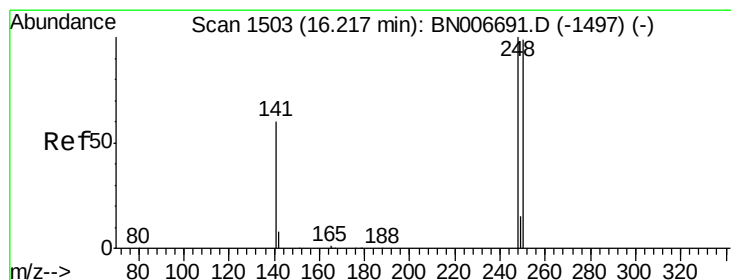
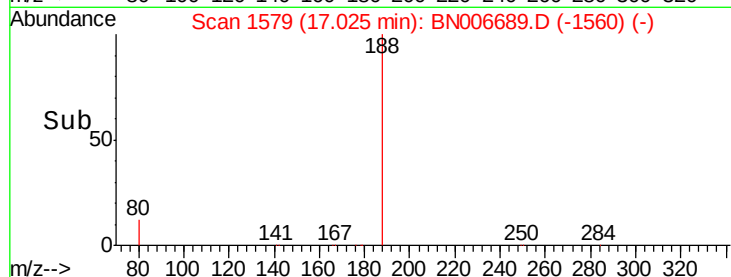
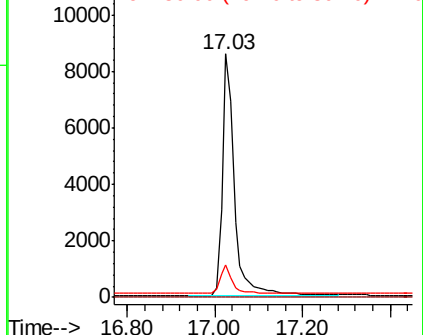
80 13.6 10.3 15.5



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: 0.107 ng

RT: 16.22 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

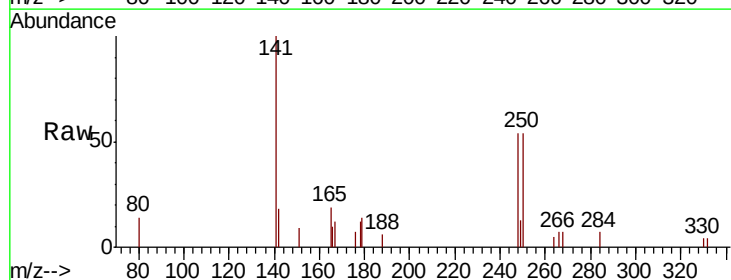
Tgt Ion:248 Resp: 964

Ion Ratio Lower Upper

248 100

250 98.5 79.0 118.6

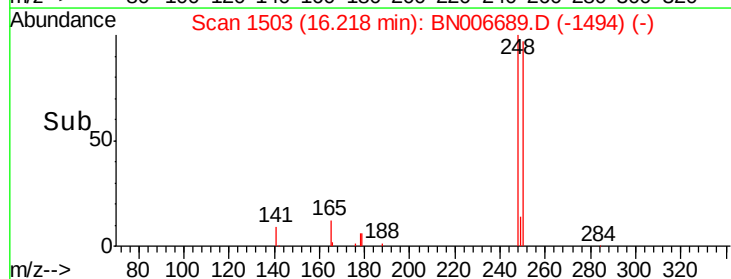
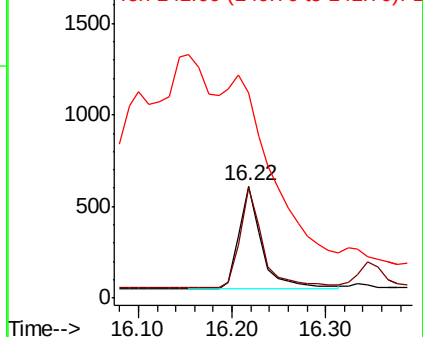
141 183.8 50.2 75.4#

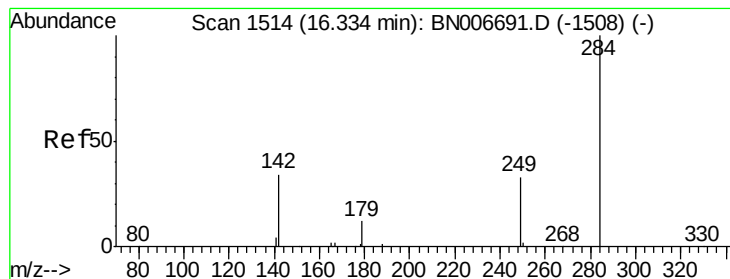


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.097 ng

RT: 16.33 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampleId :

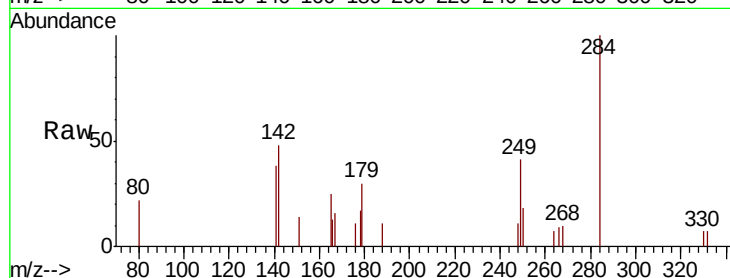
Tot Ion:284 Resp: 1108

Ion Ratio Lower Upper

284 100

142 36.1 26.9 40.3

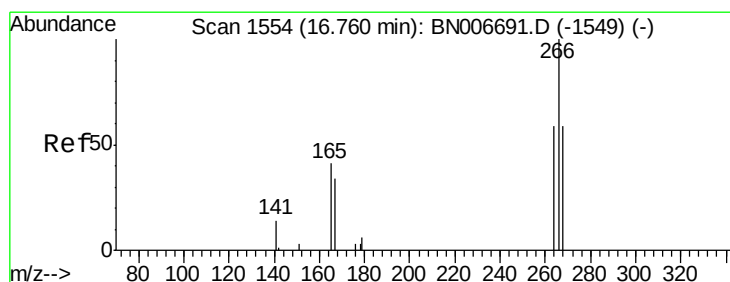
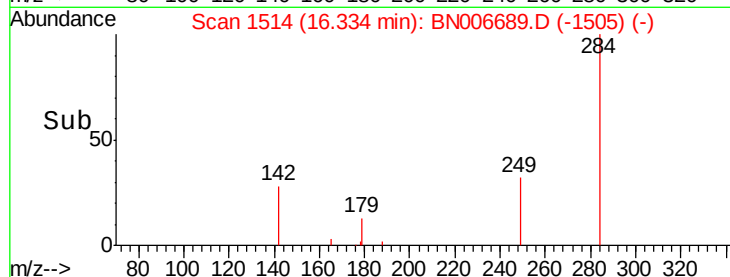
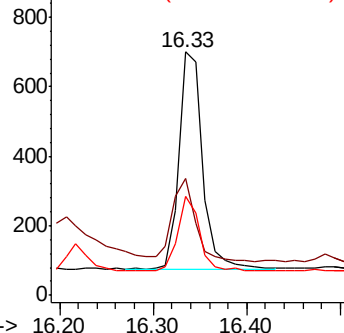
249 31.6 24.4 36.6



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: 0.116 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

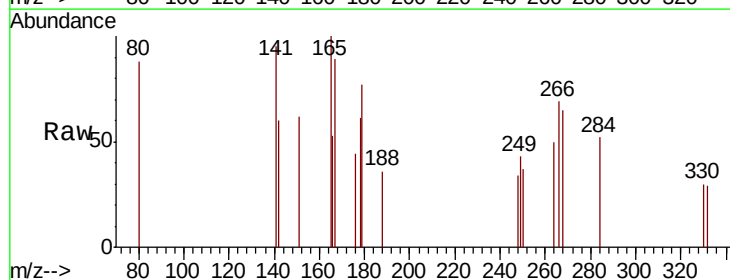
Tgt Ion:266 Resp: 212

Ion Ratio Lower Upper

266 100

264 72.1 57.6 86.4

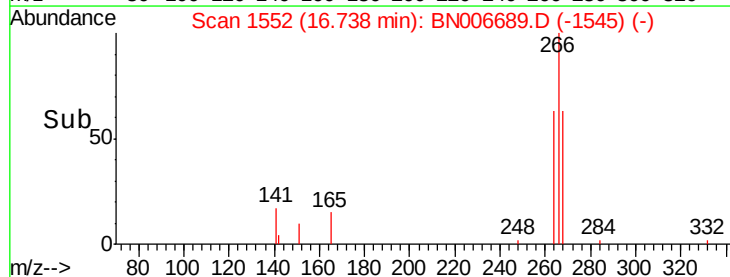
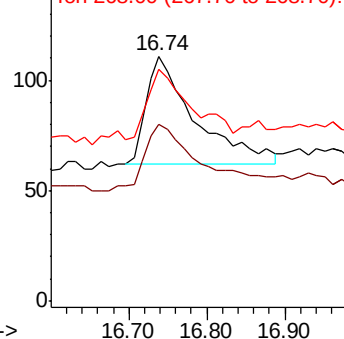
268 94.6 66.6 99.8

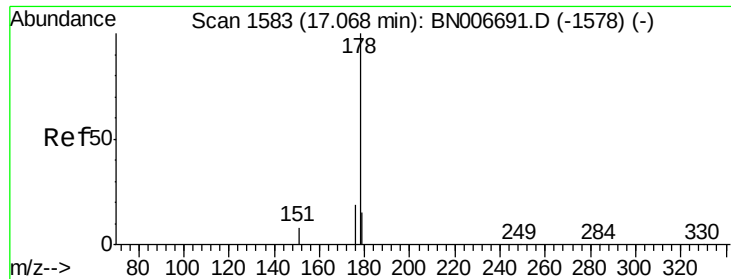


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.110 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampleId :

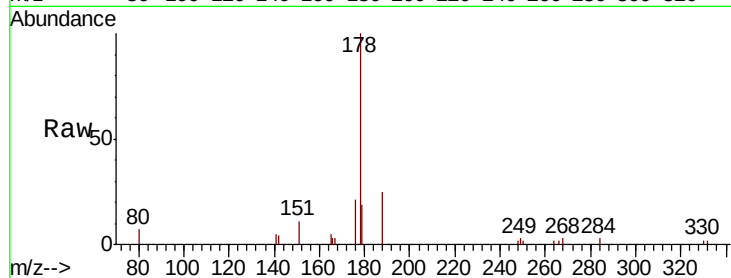
Tot Ion:178 Resp: 5095

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

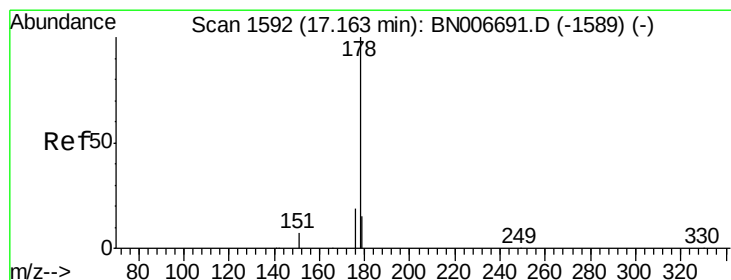
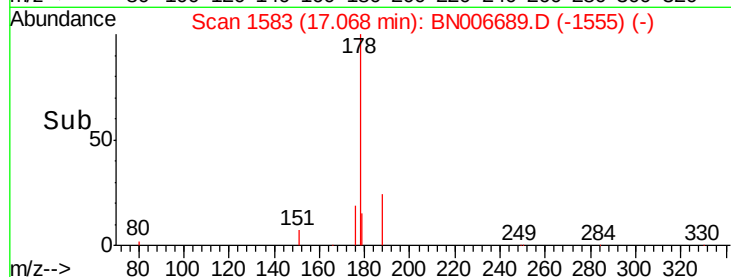
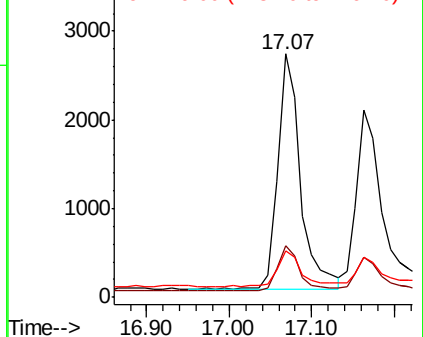
179 16.0 12.4 18.6



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: 0.104 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

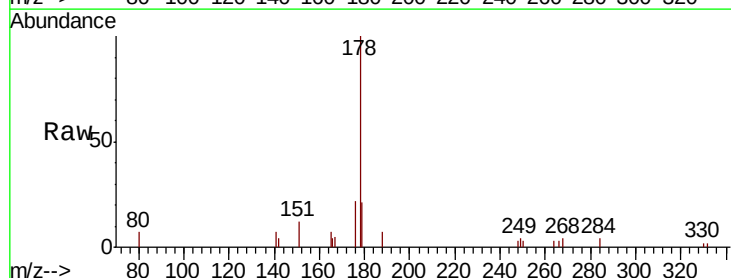
Tgt Ion:178 Resp: 4183

Ion Ratio Lower Upper

178 100

176 19.3 14.8 22.2

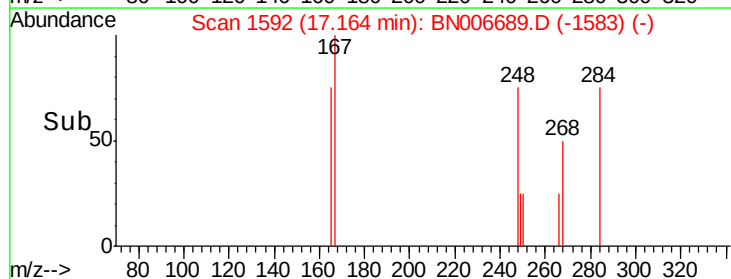
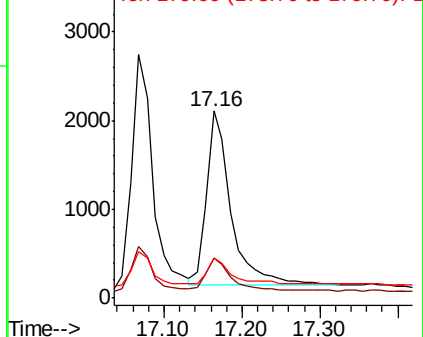
179 15.1 11.9 17.9

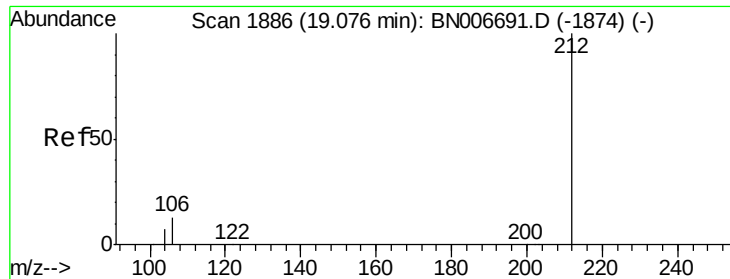


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

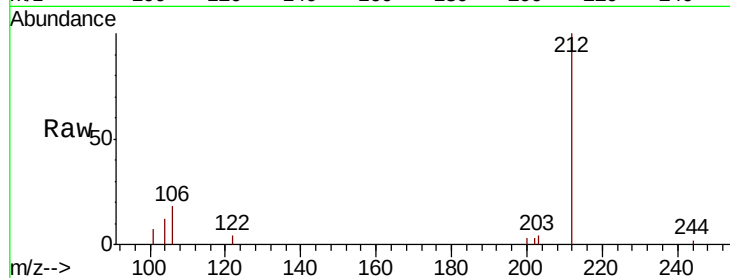




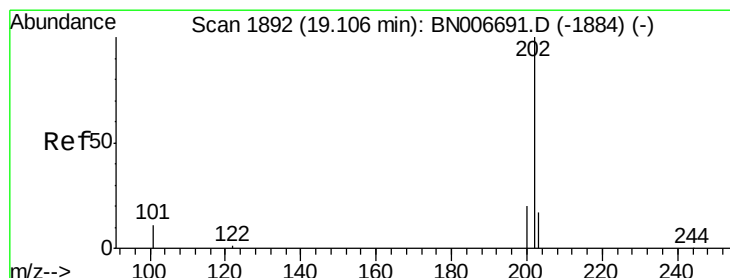
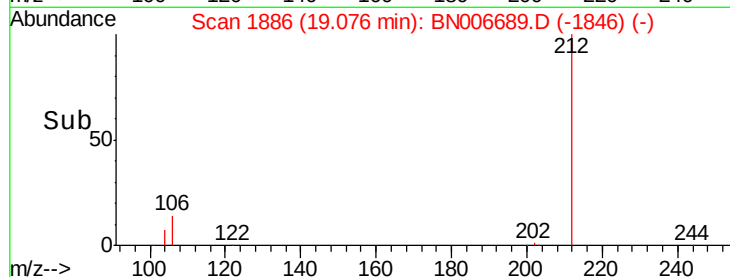
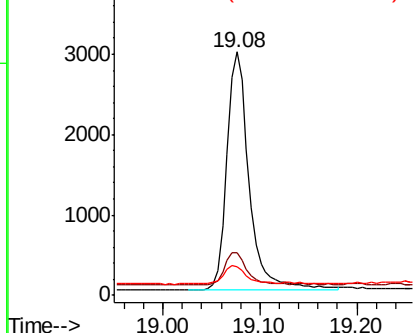
#25
 Fluoranthene-d10
 Concen: 0.098 ng
 RT: 19.08 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BN006689.D
 Acq: 02 Jul 2019 13:27

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 4715
 Ion Ratio Lower Upper
 212 100
 106 13.6 11.0 16.6
 104 7.8 6.1 9.1

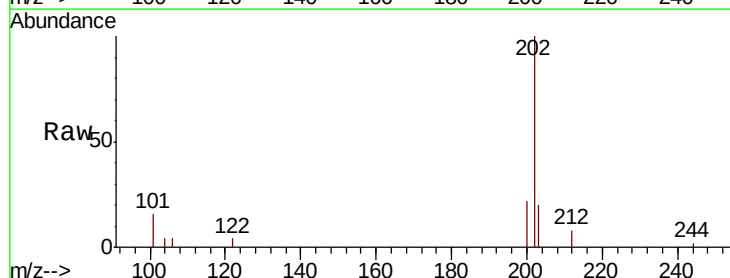


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

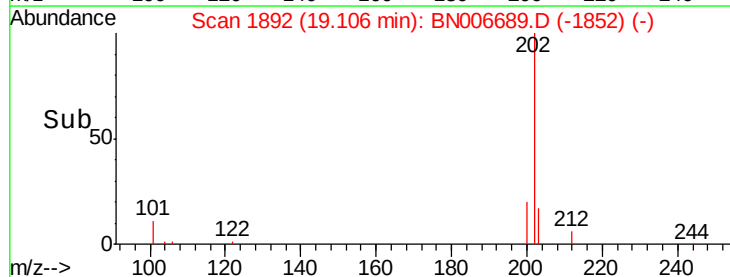
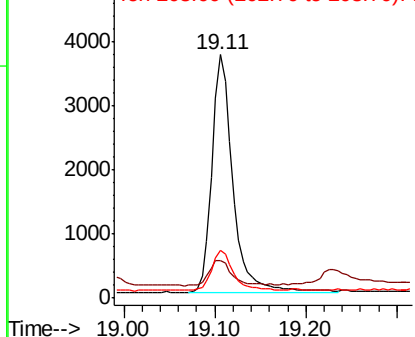


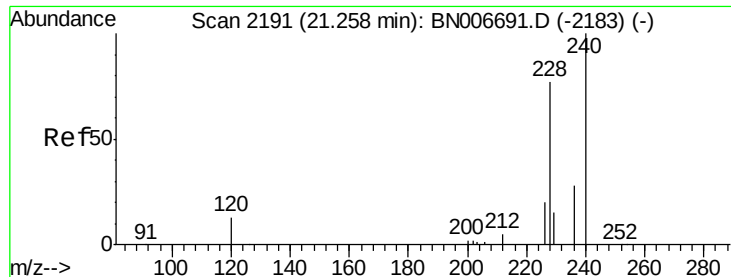
#26
 Fluoranthene
 Concen: 0.103 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BN006689.D
 Acq: 02 Jul 2019 13:27

Tgt Ion:202 Resp: 5830
 Ion Ratio Lower Upper
 202 100
 101 12.0 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: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampleId :

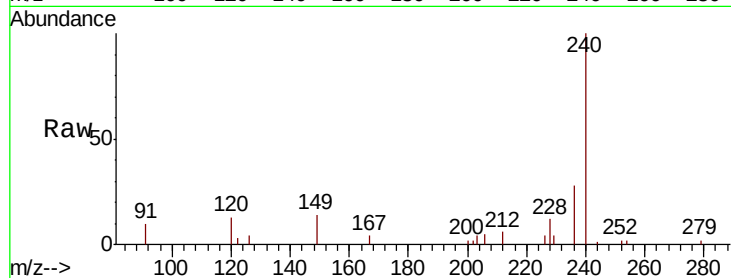
Tot Ion:240 Resp: 14627

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

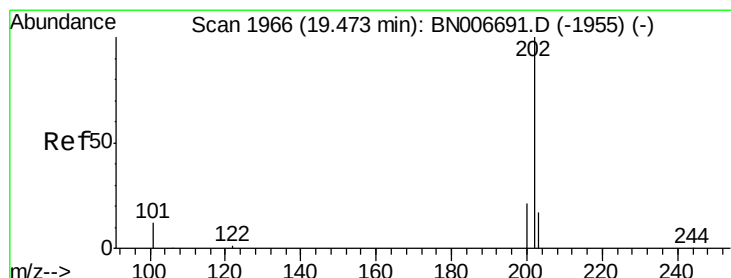
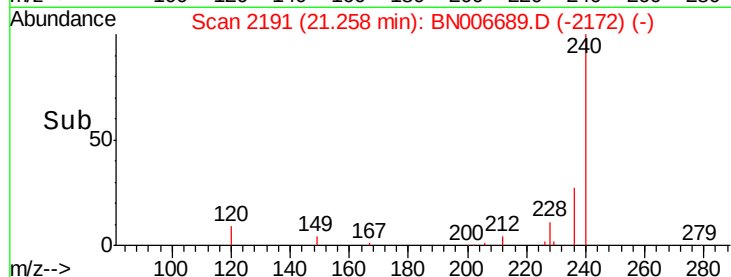
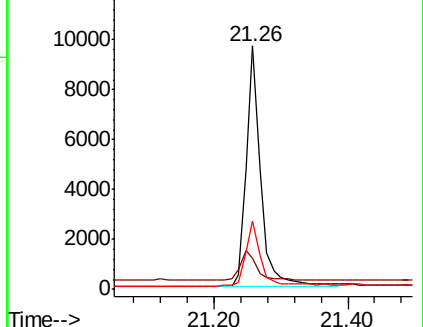
236 27.8 23.2 34.8



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: 0.127 ng

RT: 19.47 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

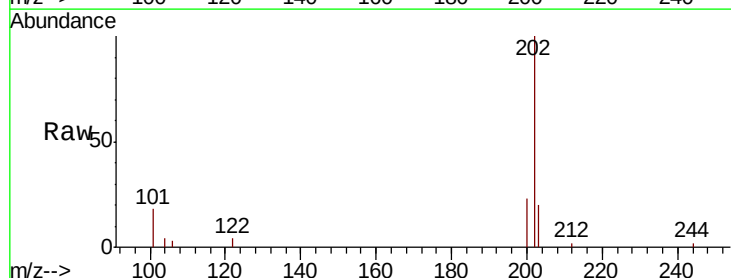
Tgt Ion:202 Resp: 6513

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

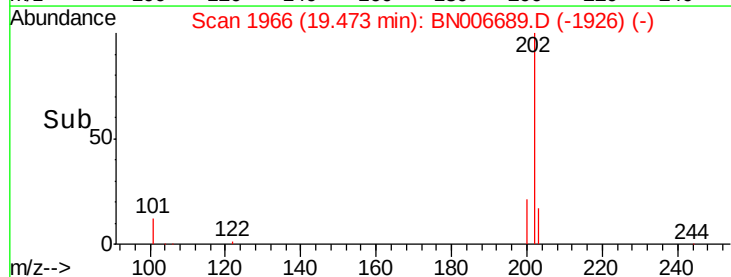
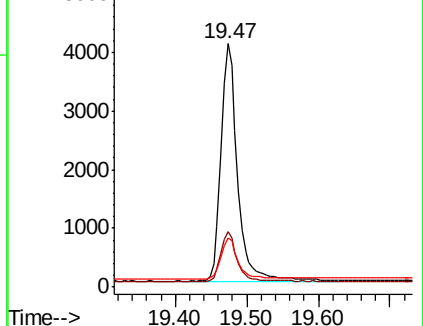
203 17.4 14.2 21.2

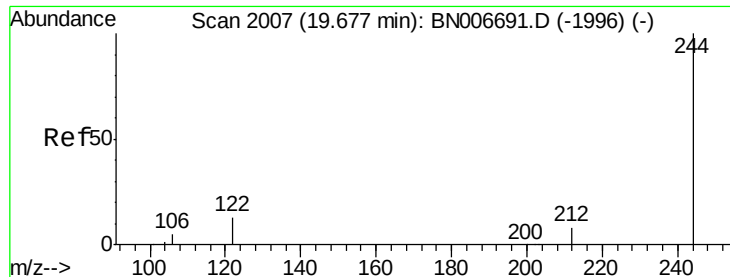


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.112 ng

RT: 19.68 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampleId :

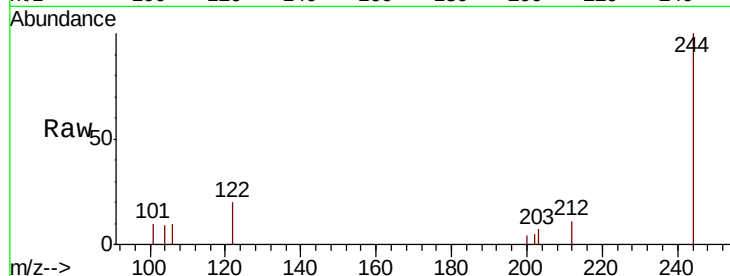
Tot Ion:244 Resp: 3438

Ion Ratio Lower Upper

244 100

212 11.0 7.0 10.4#

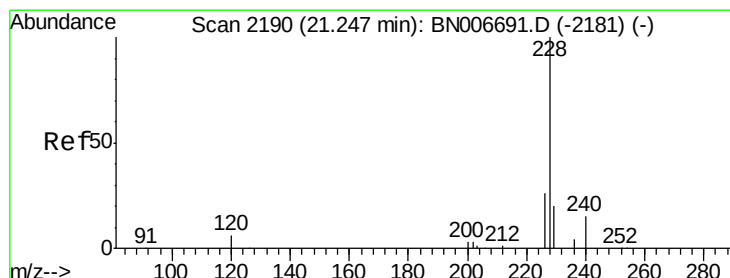
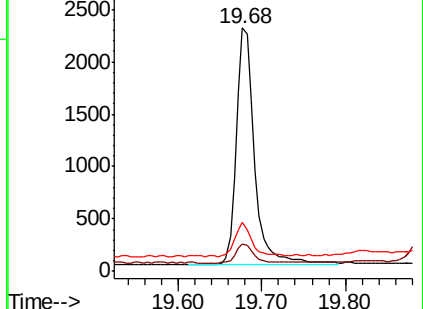
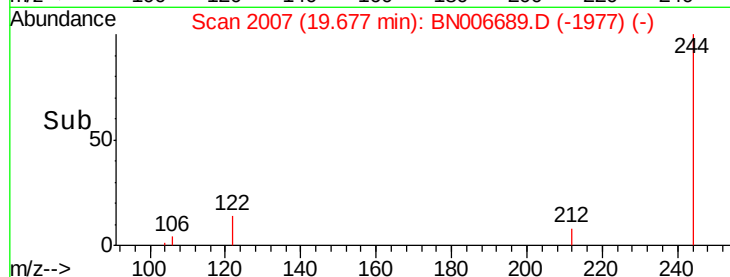
122 20.2 11.5 17.3#



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: 0.104 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

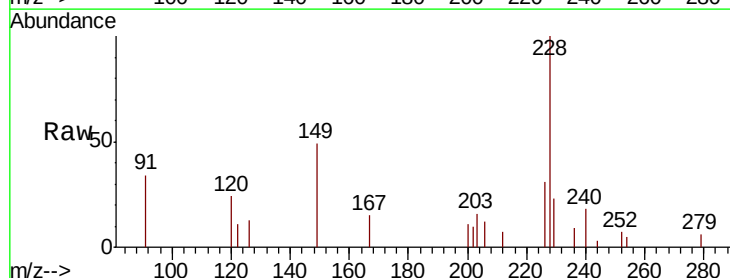
Tgt Ion:228 Resp: 4988

Ion Ratio Lower Upper

228 100

226 30.9 21.5 32.3

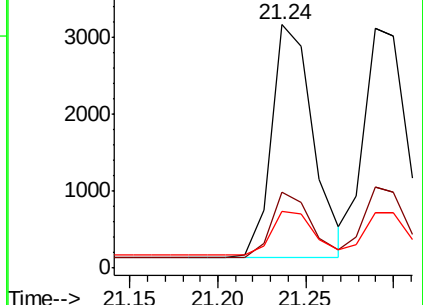
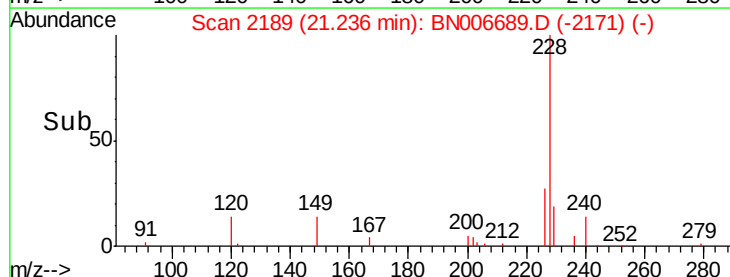
229 23.2 16.2 24.4

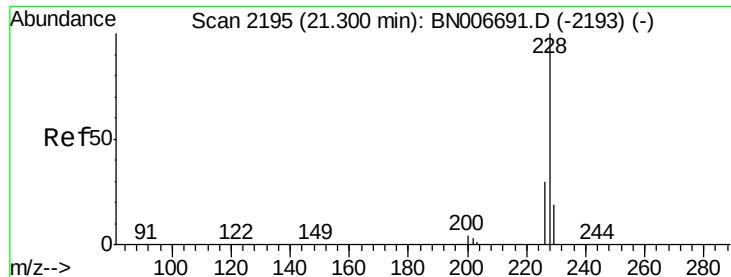


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.102 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampled :

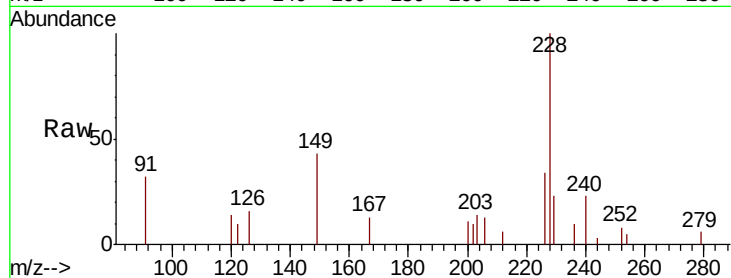
Tot Ion:228 Resp: 5238

Ion Ratio Lower Upper

228 100

226 33.7 24.2 36.2

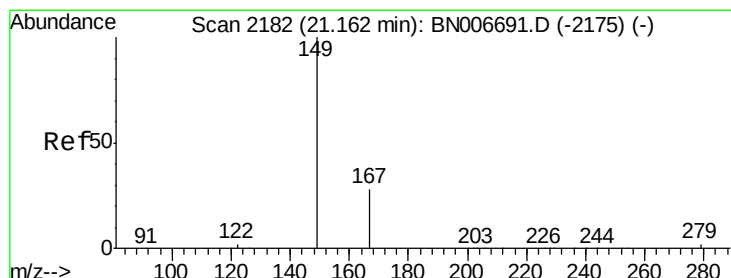
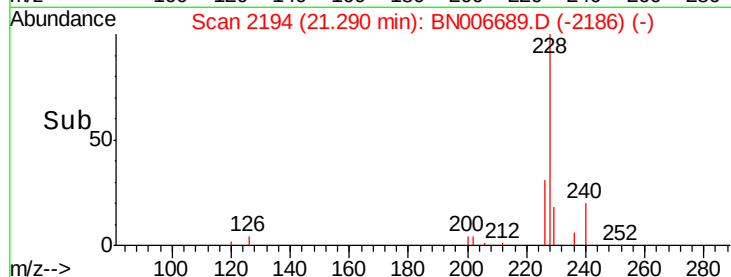
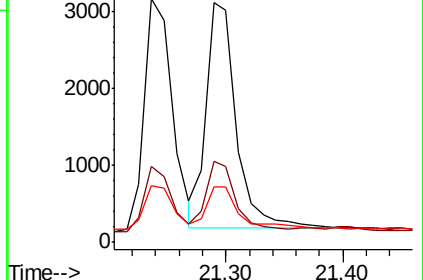
229 22.9 15.8 23.6



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: 2.502 ng

RT: 21.16 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

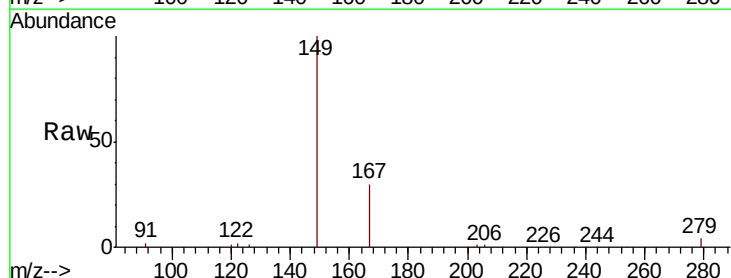
Tgt Ion:149 Resp: 60209

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

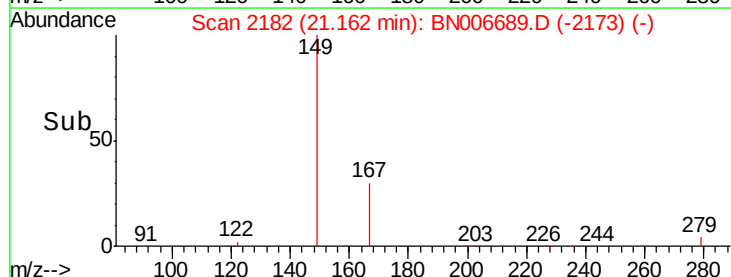
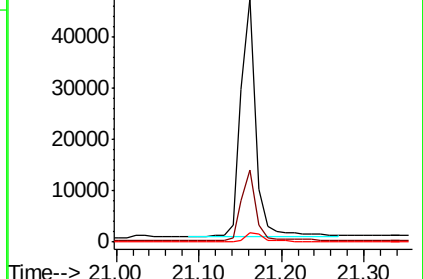
279 4.0 3.2 4.8

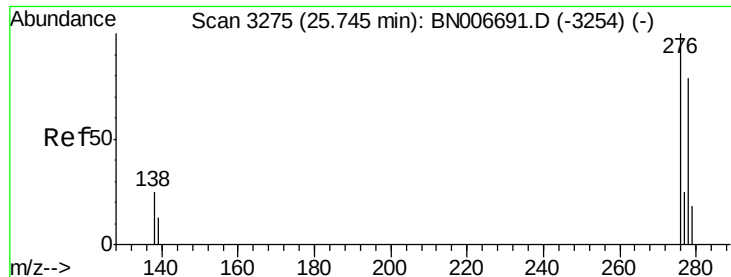


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

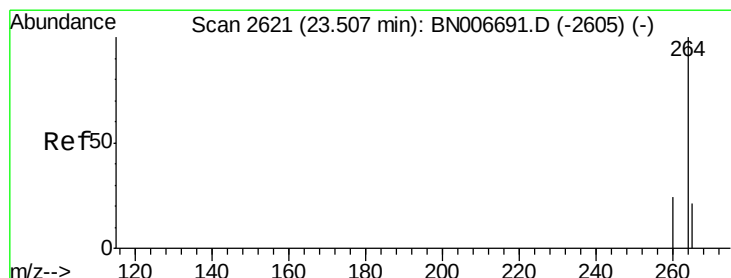
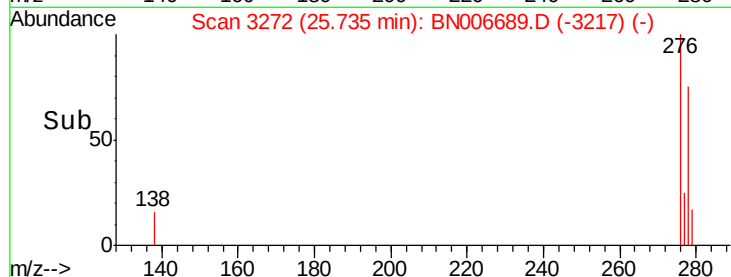
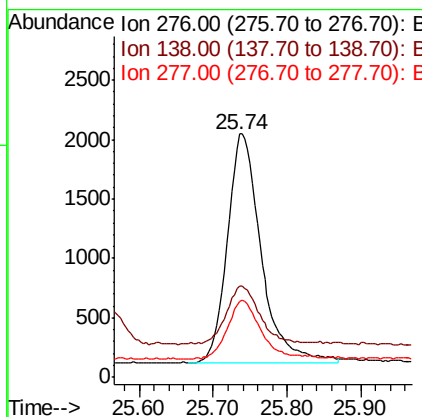
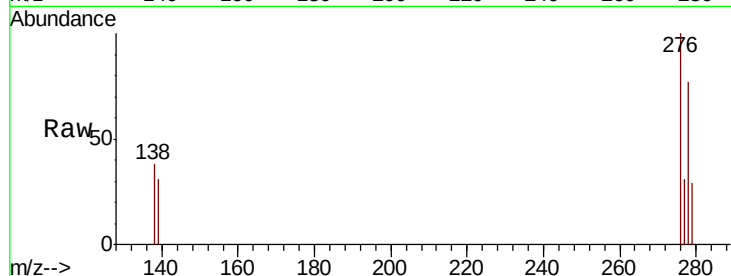




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.118 ng
 RT: 25.74 min Scan# 3272
 Delta R.T. -0.01 min
 Lab File: BN006689.D
 Acq: 02 Jul 2019 13:27

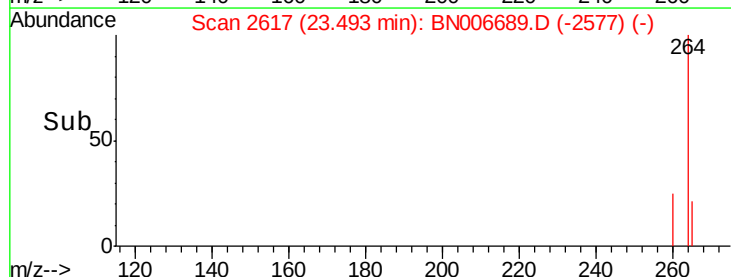
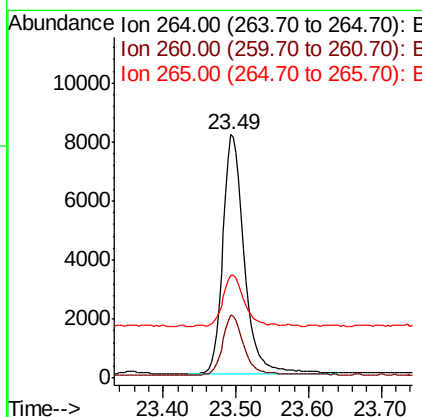
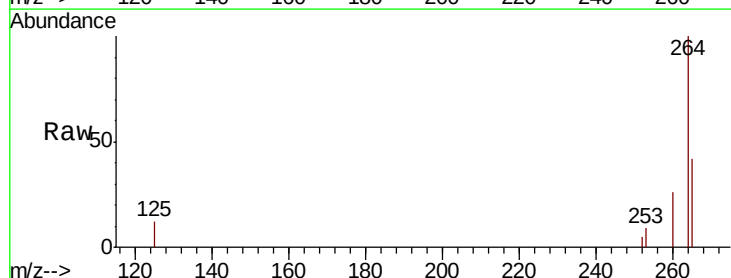
Instrument :
 BNA_N
 ClientSampleId :

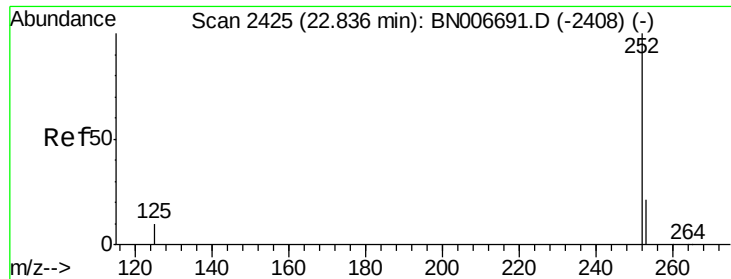
Tot Ion:276 Resp: 6148
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.5 29.3
 277 24.2 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BN006689.D
 Acq: 02 Jul 2019 13:27

Tgt Ion:264 Resp: 16557
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.2 30.2
 265 42.0 33.7 50.5

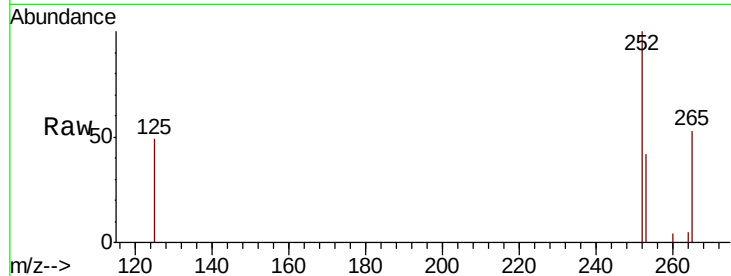




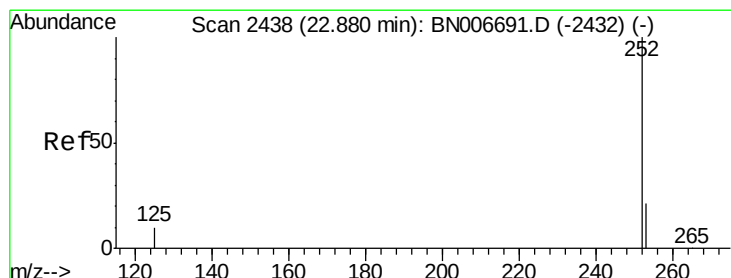
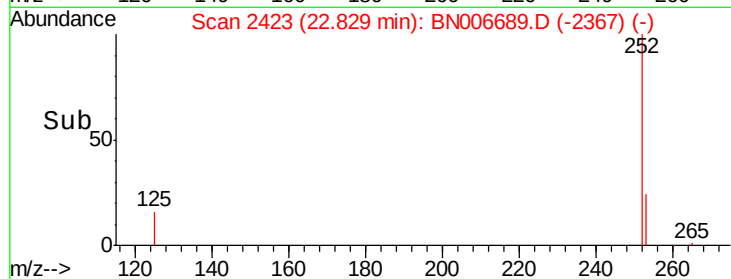
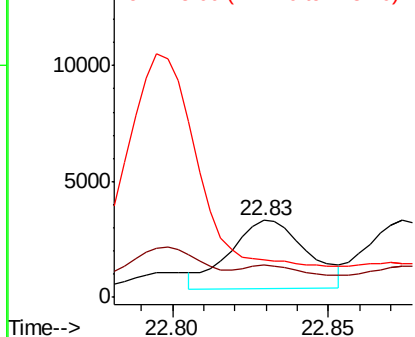
#35
Benzo(b)fluoranthene
Concen: 0.090 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 5094
Ion Ratio Lower Upper
252 100
253 41.8 20.2 30.2#
125 49.0 11.5 17.3#

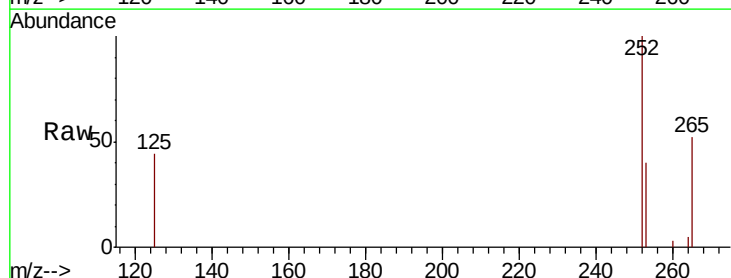


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

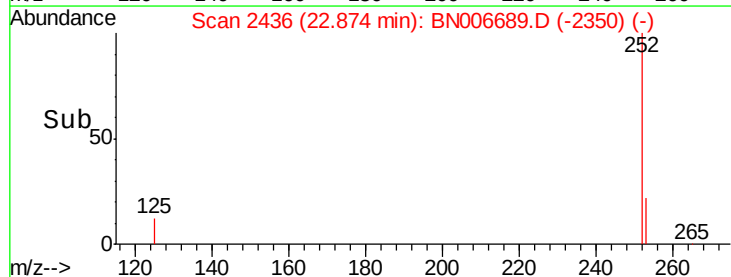
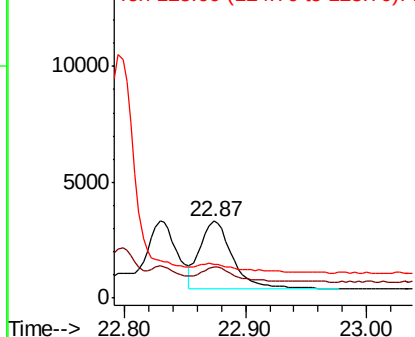


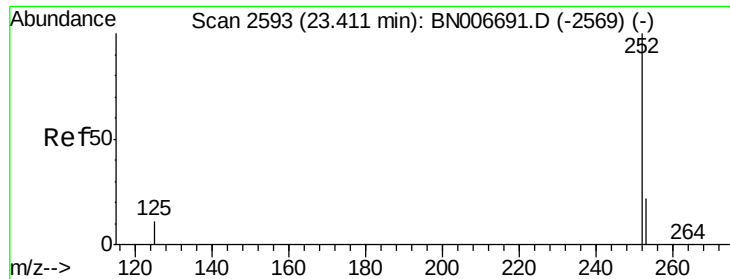
#36
Benzo(k)fluoranthene
Concen: 0.093 ng
RT: 22.87 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BN006689.D
Acq: 02 Jul 2019 13:27

Tgt Ion:252 Resp: 5576
Ion Ratio Lower Upper
252 100
253 40.1 20.1 30.1#
125 44.4 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: 0.089 ng

RT: 23.40 min Scan# 2590

Delta R.T. -0.01 min

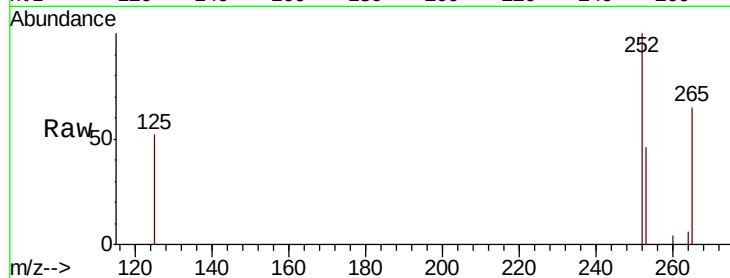
Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampled :



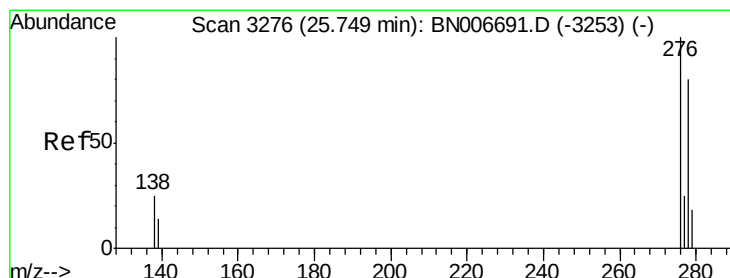
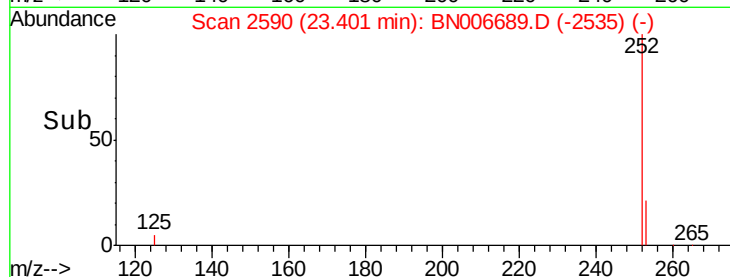
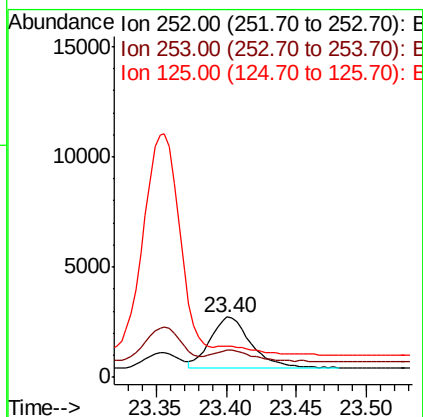
Tot Ion:252 Resp: 4671

Ion Ratio Lower Upper

252 100

253 45.8 21.4 32.2#

125 52.0 13.3 19.9#



#38

Dibenzo(a,h)anthracene

Concen: 0.108 ng

RT: 25.74 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

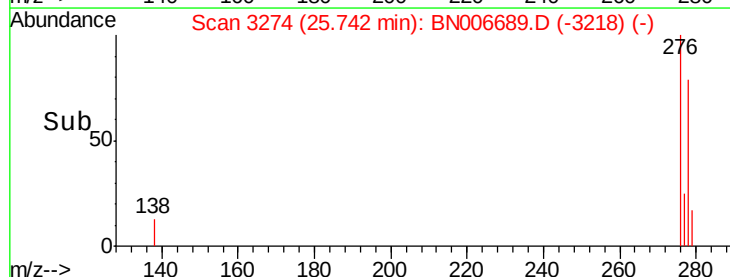
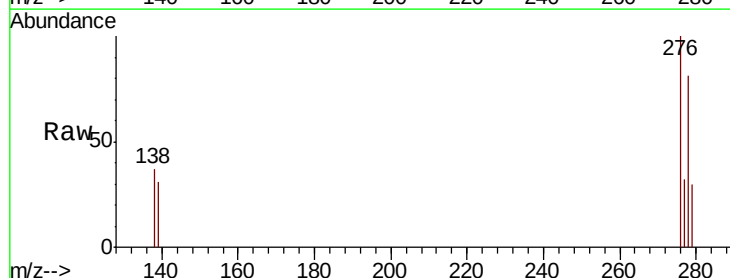
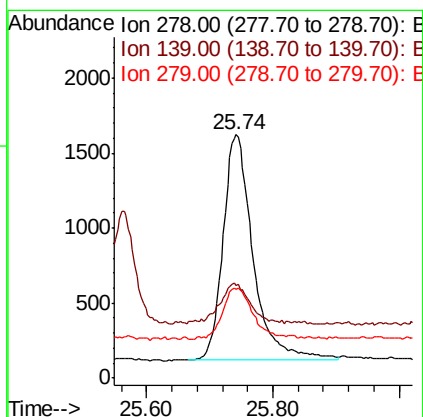
Tgt Ion:278 Resp: 4976

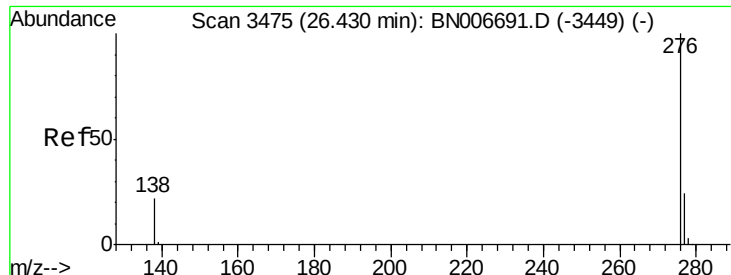
Ion Ratio Lower Upper

278 100

139 38.0 16.2 24.4#

279 36.6 20.7 31.1#





#39

Benzo(a,h,i)perylene

Concen: 0.112 ng

RT: 26.42 min Scan# 3473

Delta R.T. -0.01 min

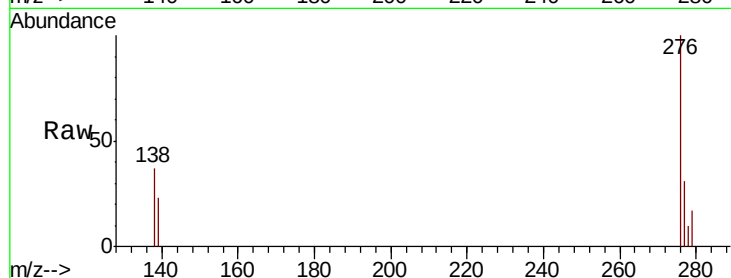
Lab File: BN006689.D

Acq: 02 Jul 2019 13:27

Instrument :

BNA_N

ClientSampleId :



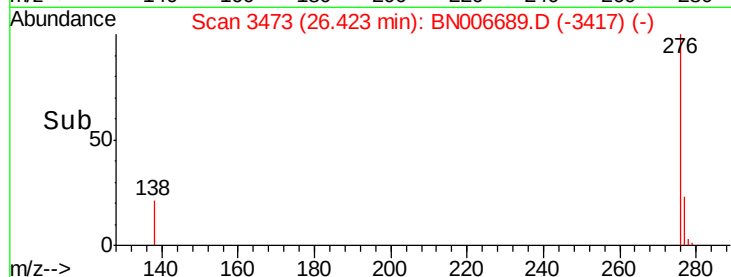
Tot Ion:276 Resp: 5160

Ion Ratio Lower Upper

276 100

277 31.1 20.6 30.8#

138 37.2 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

