

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006695.D
 Acq On : 02 Jul 2019 16:54
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 02 17:29:28 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	4914	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	19339	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	10057	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	21098	0.40	ng	0.00
27) Chrysene-d12	21.26	240	18862	0.40	ng	0.00
34) Perylene-d12	23.50	264	20557	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	67525	5.60	ng	-0.02
5) Phenol-d6	6.80	99	89417	5.61	ng	-0.03
8) Nitrobenzene-d5	8.75	82	79523	6.11	ng	-0.04
11) 2-Methylnaphthalene-d10	11.99	152	148906	4.89	ng	0.00
14) 2,4,6-Tribromophenol	15.77	330	27647	5.84	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	196466	5.27	ng	-0.01
25) Fluoranthene-d10	19.07	212	313300	5.06	ng	0.00
29) Terphenyl-d14	19.67	244	211645	5.36	ng	0.00

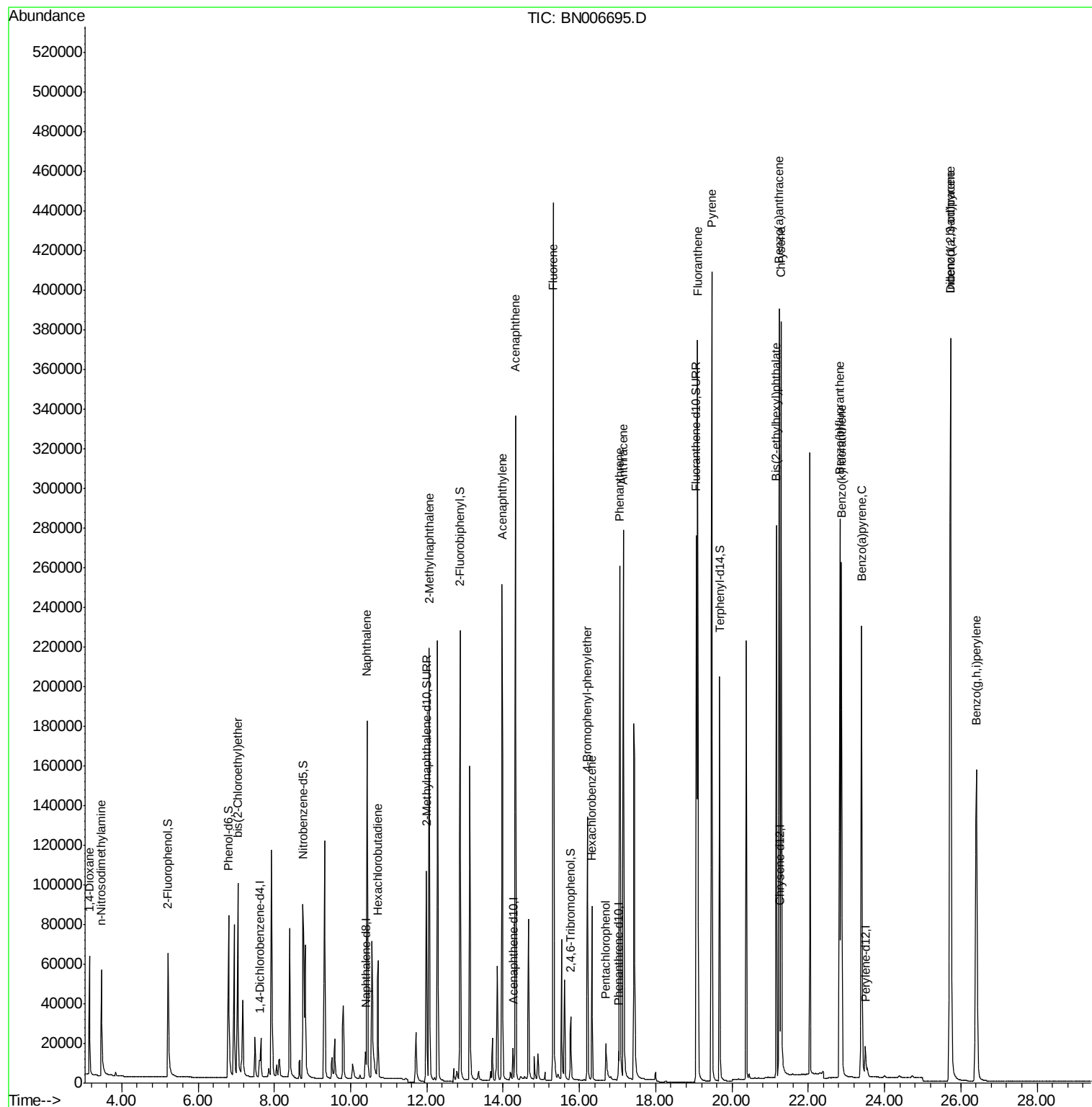
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	34894	5.131	ng	# 92
3) n-Nitrosodimethylamine	3.46	42	34551	6.465	ng	# 96
6) bis(2-Chloroethyl)ether	7.04	93	79739	5.604	ng	96
9) Naphthalene	10.43	128	250824	4.937	ng	98
10) Hexachlorobutadiene	10.72	225	50972	4.880	ng	# 100
12) 2-Methylnaphthalene	12.06	142	166622	4.744	ng	99
16) Acenaphthylene	13.98	152	266518	5.558	ng	100
17) Acenaphthene	14.32	154	159952	5.063	ng	100
18) Fluorene	15.31	166	199959	5.017	ng	99
20) 4-Bromophenyl-phenylether	16.21	248	65857	5.634	ng	91
21) Hexachlorobenzene	16.33	284	73778	4.994	ng	100
22) Pentachlorophenol	16.70	266	13282	5.639	ng	# 84
23) Phenanthrene	17.06	178	307302	5.122	ng	100
24) Anthracene	17.15	178	294837	5.664	ng	99
26) Fluoranthene	19.10	202	350560	4.808	ng	99
28) Pyrene	19.47	202	358810	5.436	ng	100
30) Benzo(a)anthracene	21.24	228	333781	5.413	ng	99
31) Chrysene	21.29	228	332634	5.004	ng	99
32) Bis(2-ethylhexyl)phthalate	21.16	149	223972	7.216	ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	400148	5.947	ng	99
35) Benzo(b)fluoranthene	22.83	252	338743	4.844	ng	# 92
36) Benzo(k)fluoranthene	22.87	252	350740	4.705	ng	# 92
37) Benzo(a)pyrene	23.40	252	327463	5.009	ng	# 89
38) Dibenzo(a,h)anthracene	25.73	278	322638	5.649	ng	94
39) Benzo(g,h,i)perylene	26.41	276	329421	5.778	ng	95

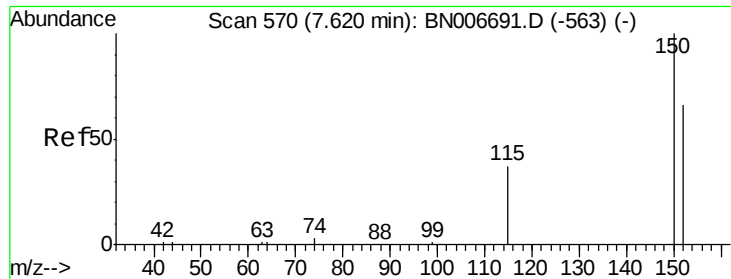
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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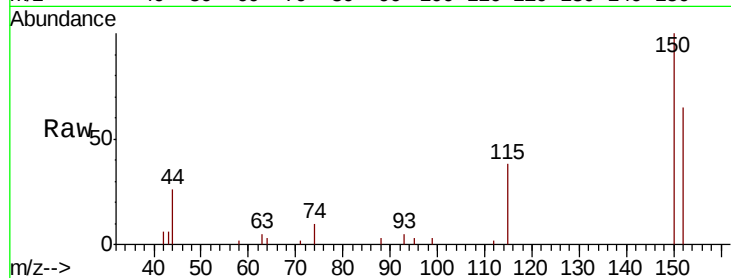


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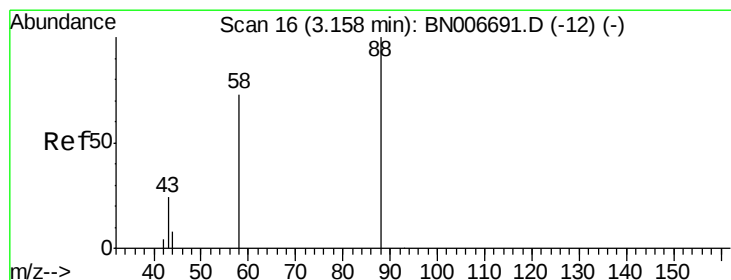
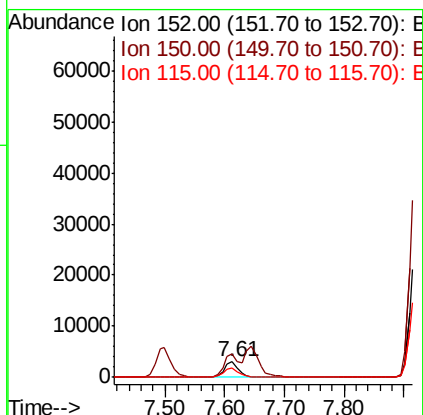
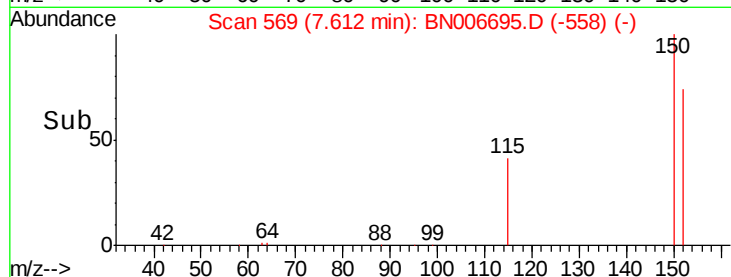
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4914
Ion Ratio Lower Upper
152 100
150 153.7 120.6 181.0
115 58.6 51.0 76.6



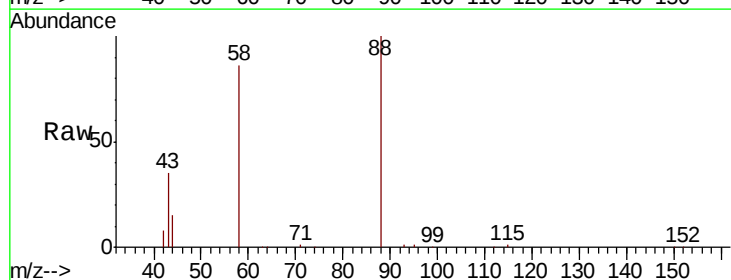
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



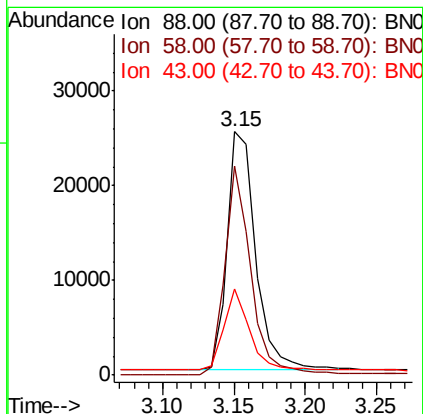
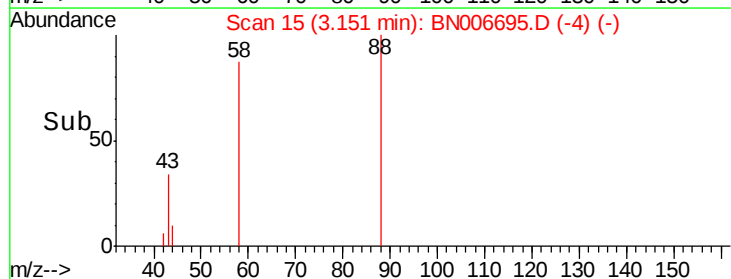
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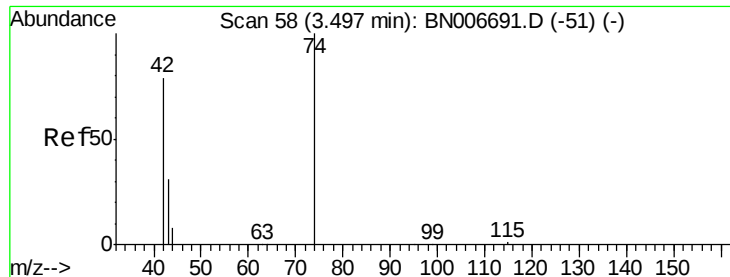
1,4-Dioxane
Concen: 5.131 ng
RT: 3.15 min Scan# 15
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Tgt Ion: 88 Resp: 34894
Ion Ratio Lower Upper
88 100
58 78.9 61.1 91.7
43 29.7 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



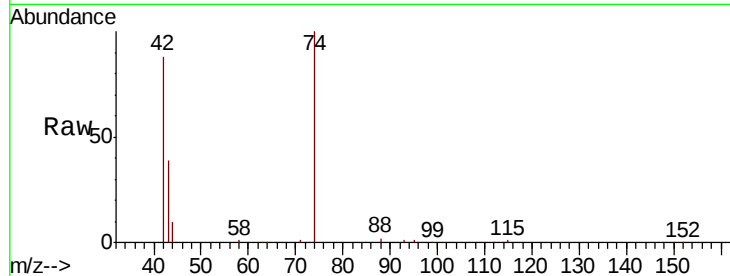


#3

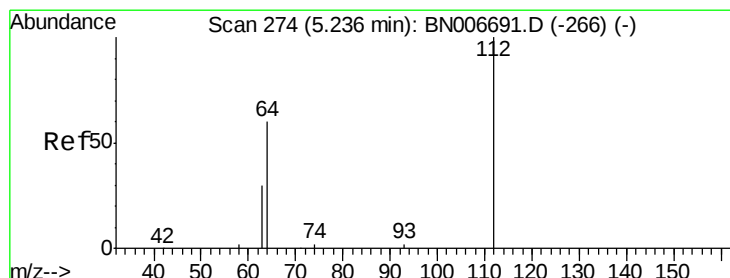
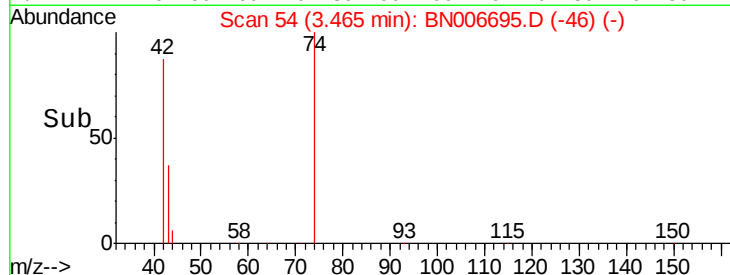
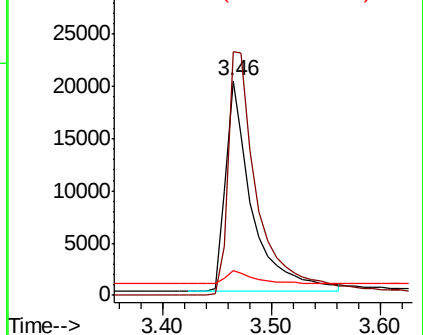
n-Nitrosodimethylamine
 Concen: 6.465 ng
 RT: 3.46 min Scan# 54
 Delta R.T. -0.03 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 34551
 Ion Ratio Lower Upper
 42 100
 74 129.1 106.6 160.0
 44 6.3 8.0 12.0#



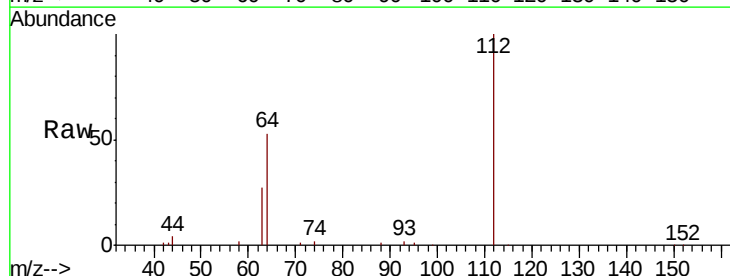
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



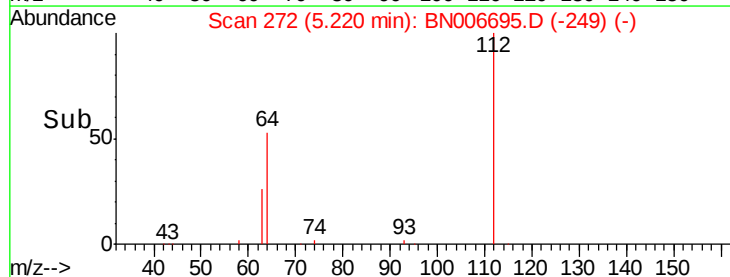
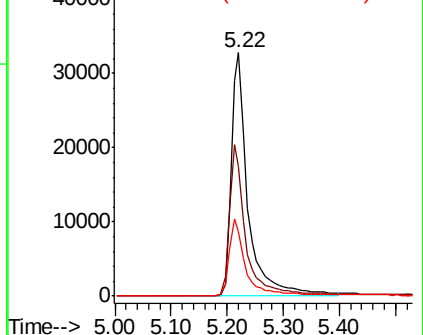
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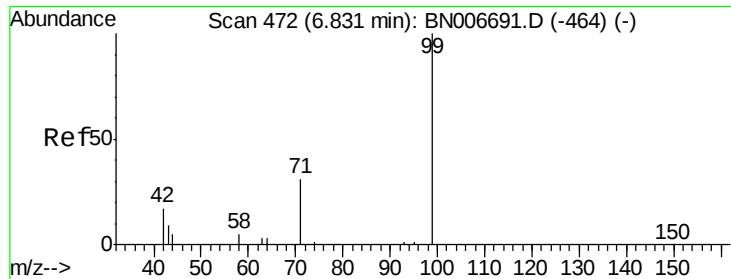
2-Fluorophenol
 Concen: 5.602 ng
 RT: 5.22 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

Tgt Ion: 112 Resp: 67525
 Ion Ratio Lower Upper
 112 100
 64 60.4 49.8 74.6
 63 30.9 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: 5.605 ng

RT: 6.80 min Scan# 468

Delta R.T. -0.03 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

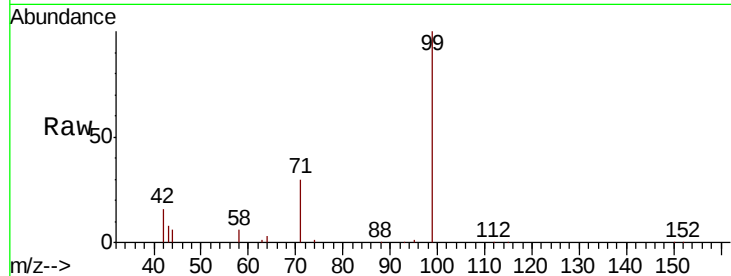
Tot Ion: 99 Resp: 89417

Ion Ratio Lower Upper

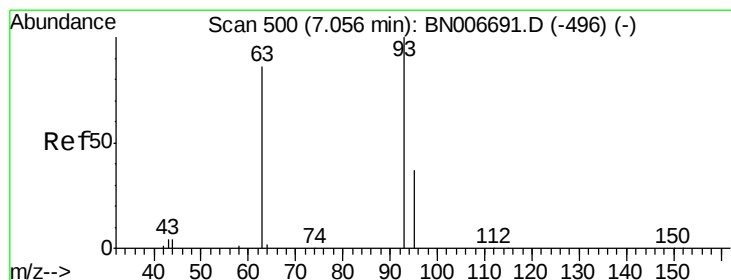
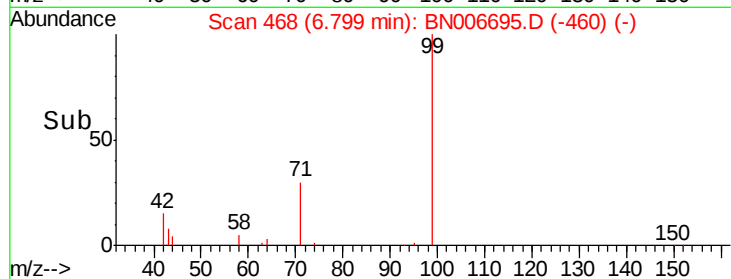
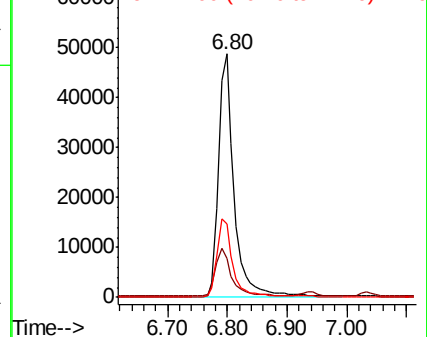
99 100

42 20.0 16.6 25.0

71 32.7 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 5.604 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

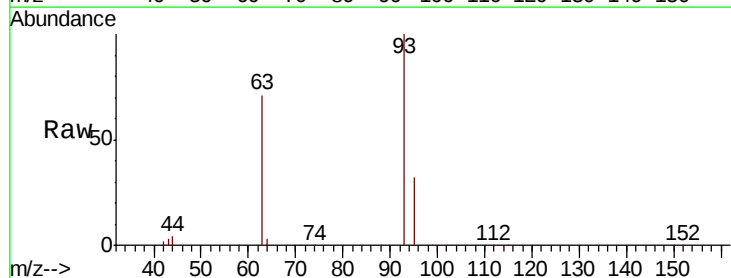
Tgt Ion: 93 Resp: 79739

Ion Ratio Lower Upper

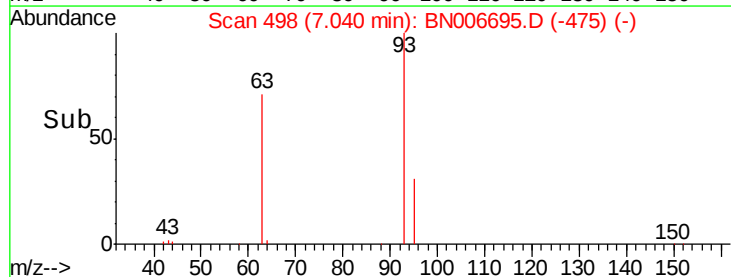
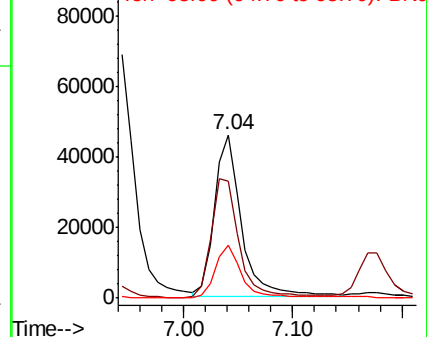
93 100

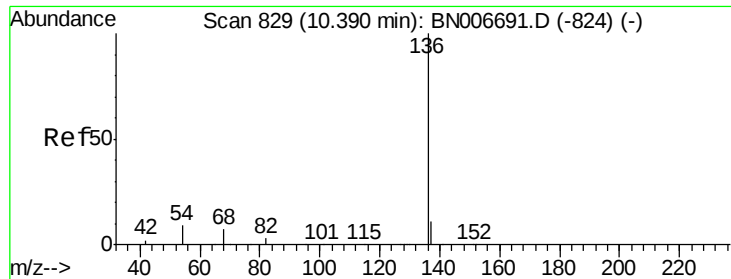
63 74.3 58.6 87.8

95 30.7 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. 0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 19339

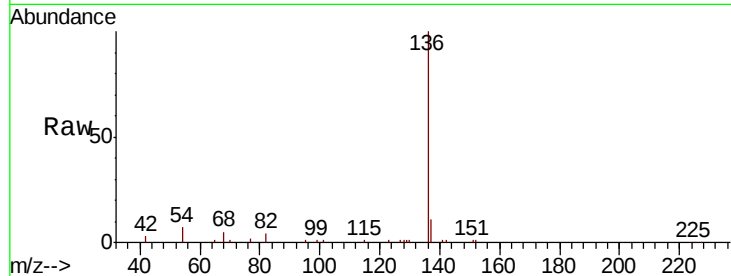
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.5 8.4 12.6#

68 5.4 6.8 10.2#

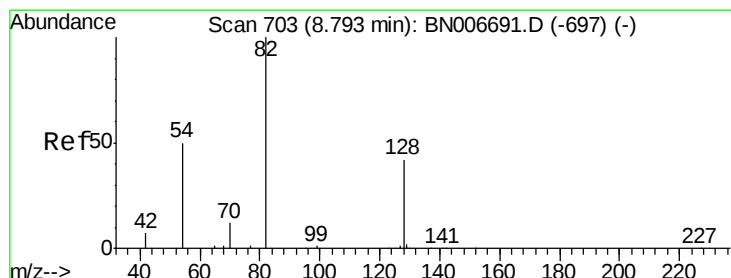
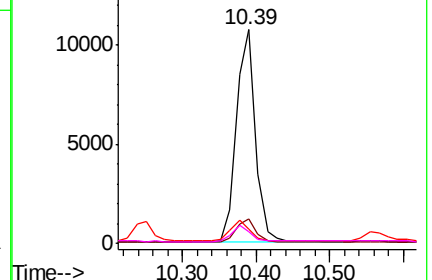
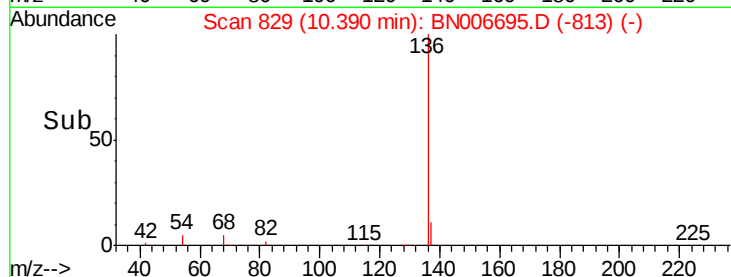


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.115 ng

RT: 8.75 min Scan# 700

Delta R.T. -0.04 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

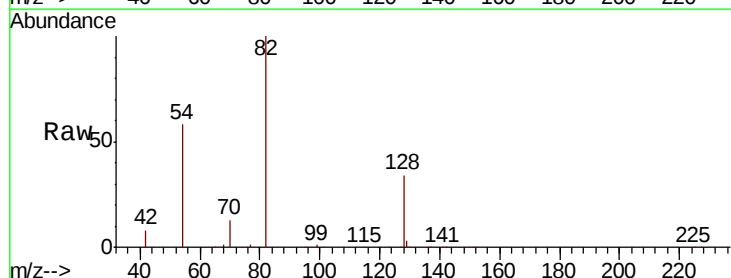
Tgt Ion: 82 Resp: 79523

Ion Ratio Lower Upper

82 100

128 33.6 36.1 54.1#

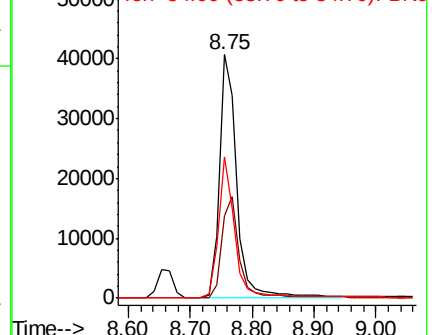
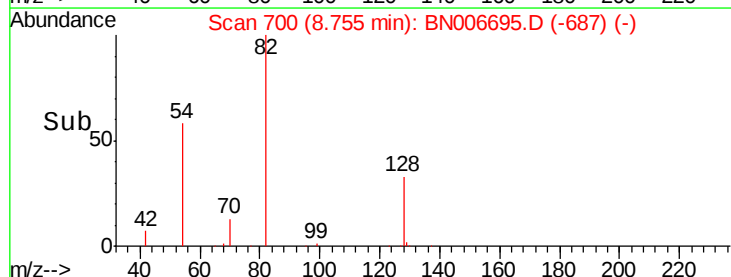
54 58.1 44.5 66.7

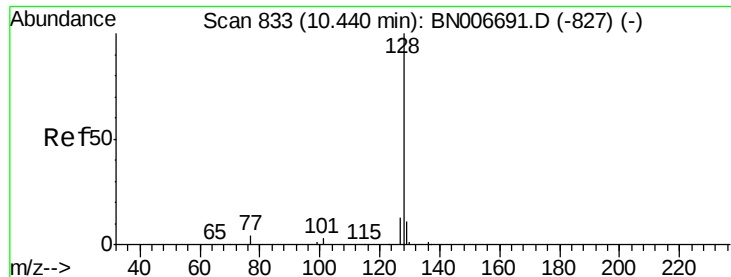


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

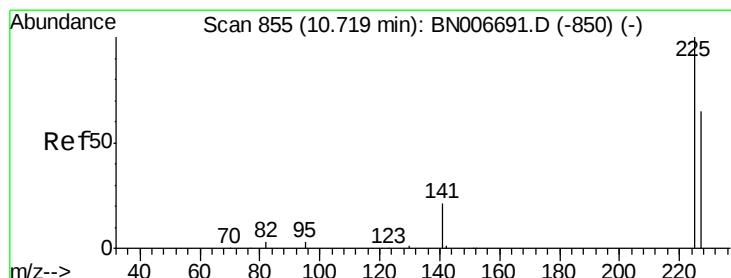
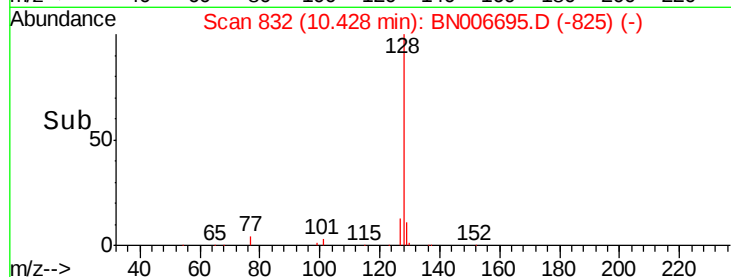
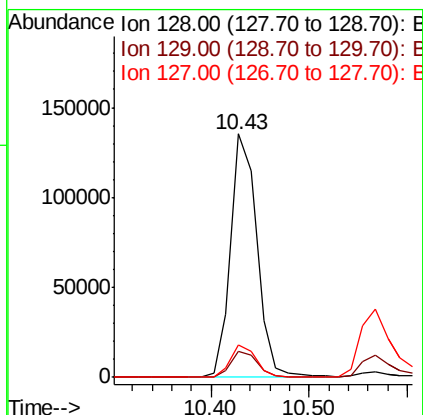
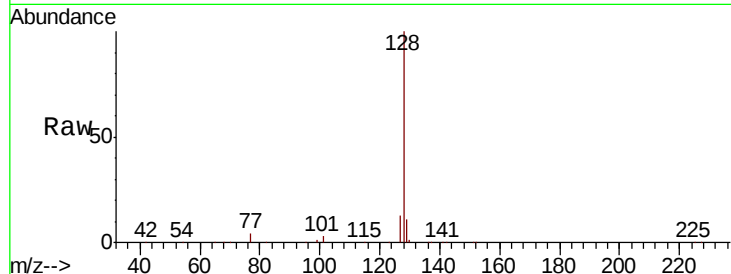




#9
Naphthalene
Concen: 4.937 ng
RT: 10.43 min Scan# 832
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

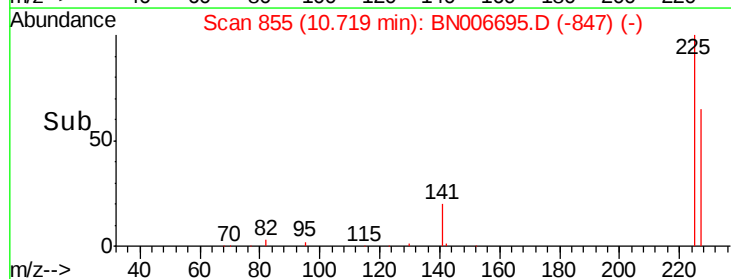
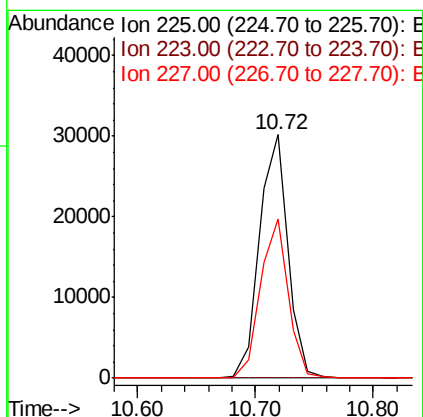
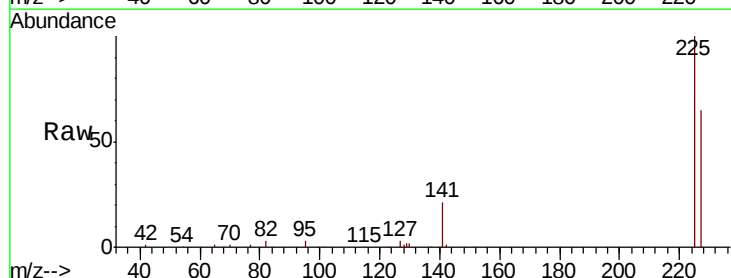
Instrument :
BNA_N
ClientSampleId :

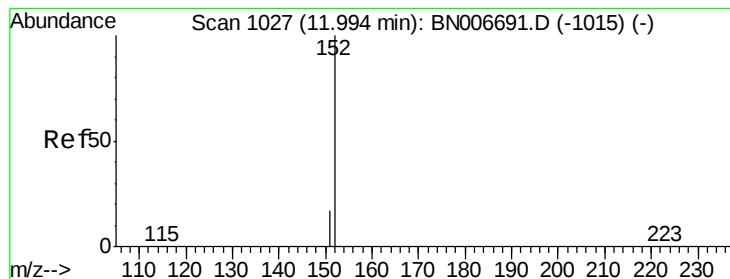
Tot Ion:128 Resp: 250824
Ion Ratio Lower Upper
128 100
129 10.9 9.6 14.4
127 13.3 11.0 16.4



#10
Hexachlorobutadiene
Concen: 4.880 ng
RT: 10.72 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Tgt Ion:225 Resp: 50972
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.7 50.9 76.3





#11

2-Methylnaphthalene-d10

Concen: 4.888 ng

RT: 11.99 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

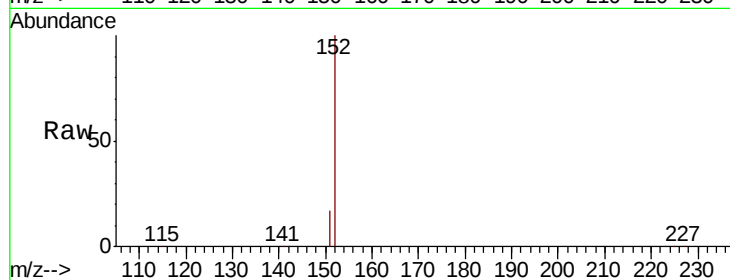
ClientSampleId :

Tot Ion:152 Resp: 148906

Ion Ratio Lower Upper

152 100

151 19.0 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.99

100000

80000

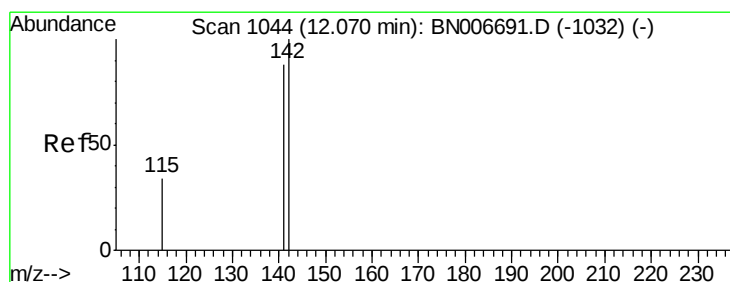
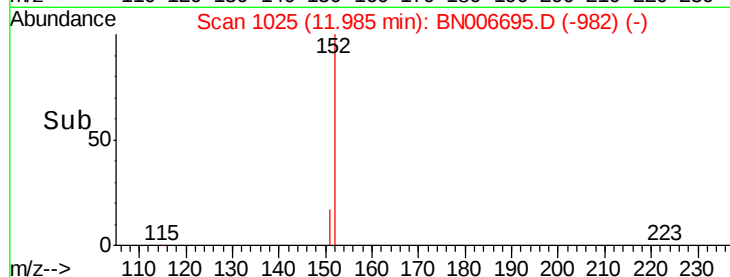
60000

40000

20000

0

Time--> 11.80 12.00 12.20



#12

2-Methylnaphthalene

Concen: 4.744 ng

RT: 12.06 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

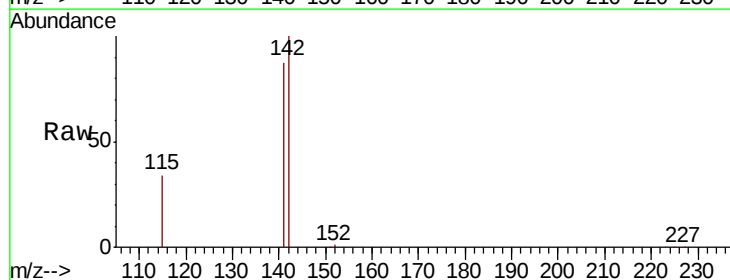
Tgt Ion:142 Resp: 166622

Ion Ratio Lower Upper

142 100

141 87.3 70.3 105.5

115 34.2 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

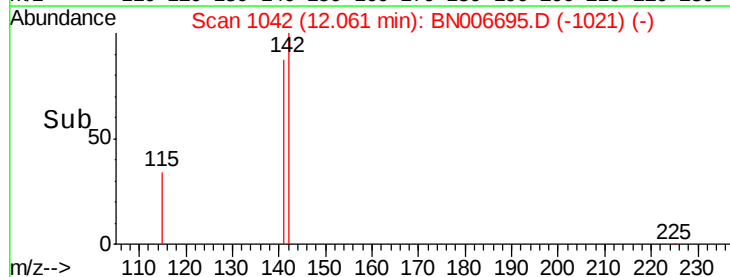
12.06

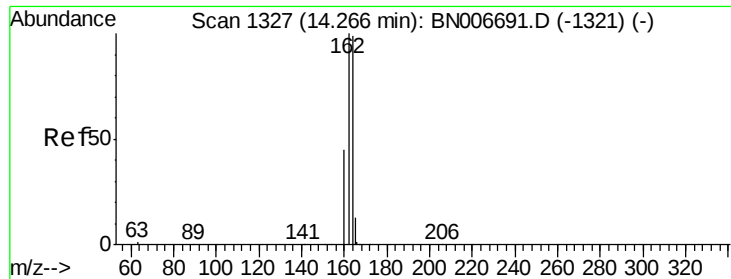
100000

50000

0

Time--> 12.00 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

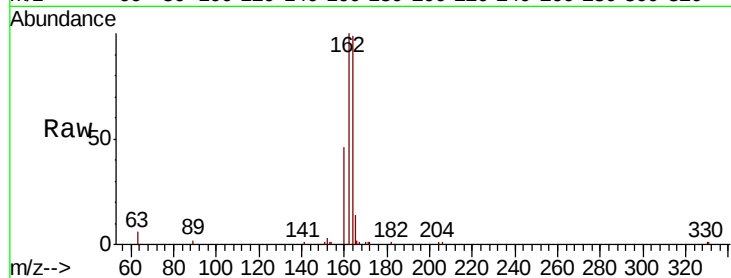
Tot Ion:164 Resp: 10057

Ion Ratio Lower Upper

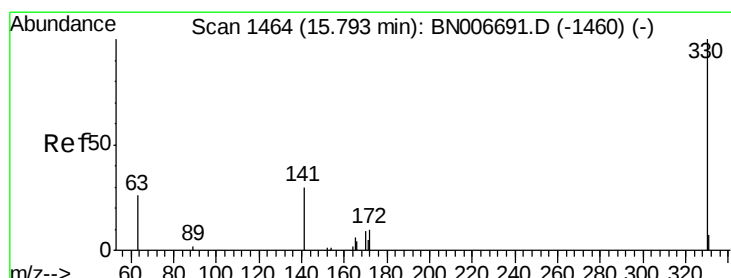
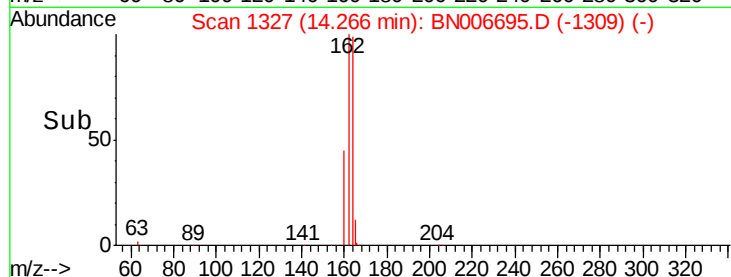
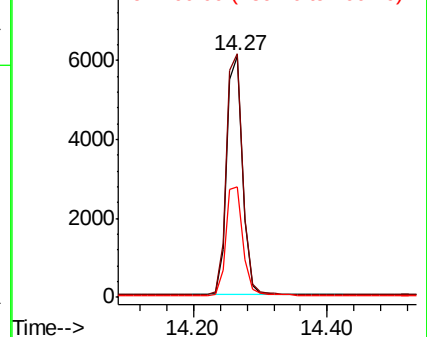
164 100

162 100.9 80.8 121.2

160 46.0 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: 5.838 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

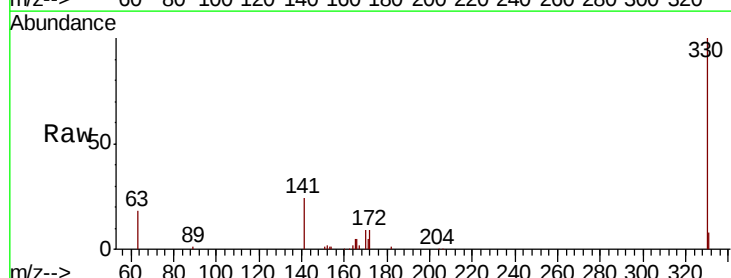
Tgt Ion:330 Resp: 27647

Ion Ratio Lower Upper

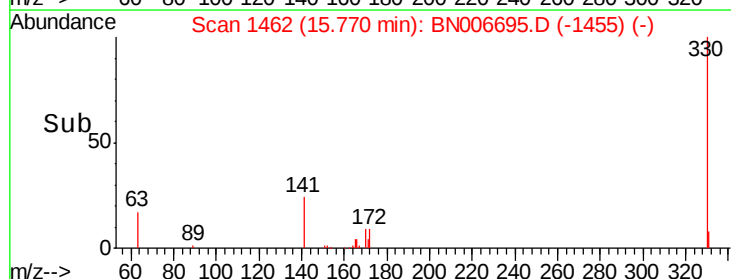
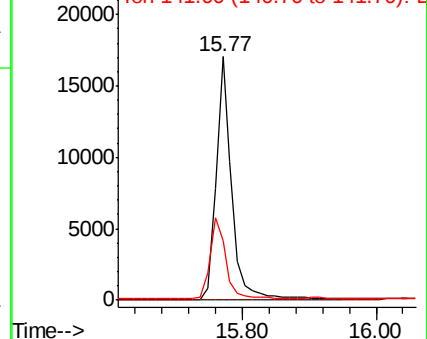
330 100

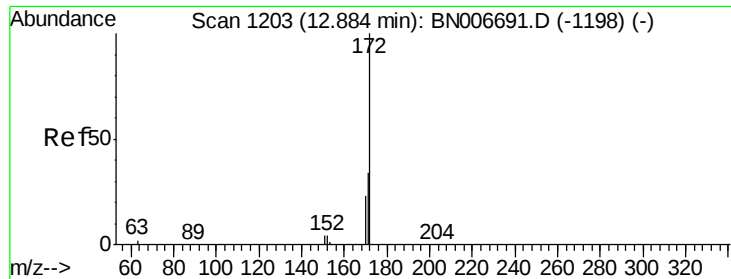
332 0.0 0.0 0.0

141 33.6 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

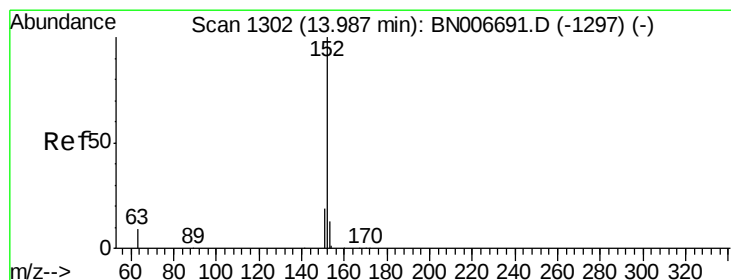
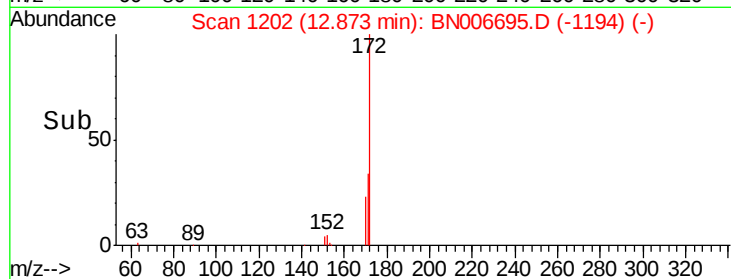
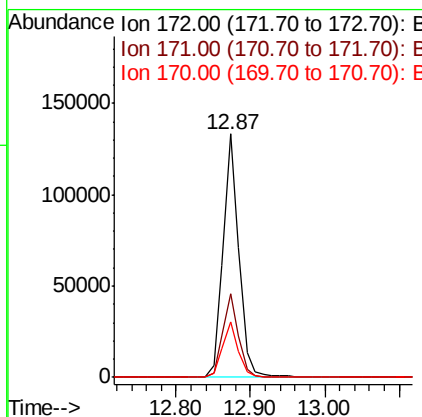
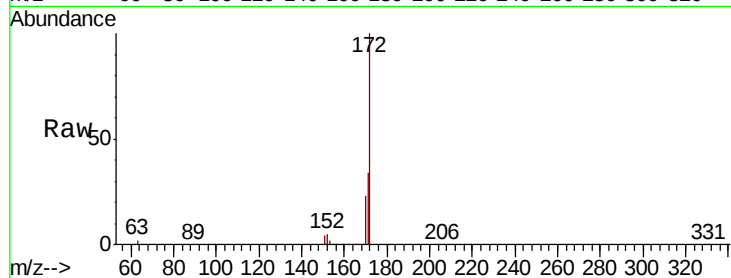




#15
2-Fluorobiphenyl
Concen: 5.272 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

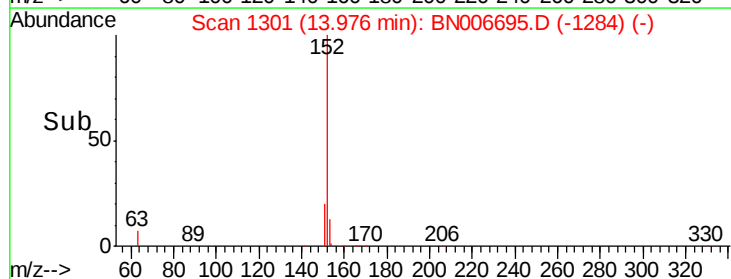
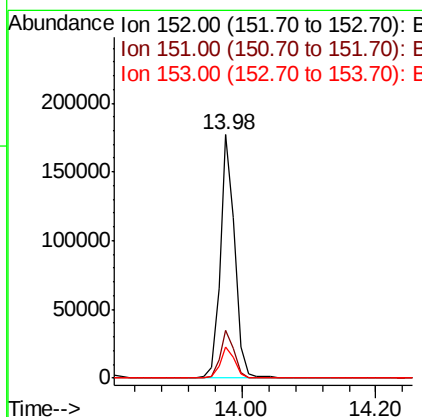
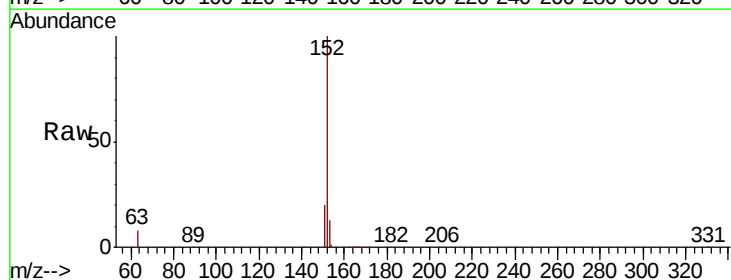
Instrument :
BNA_N
ClientSampleId :

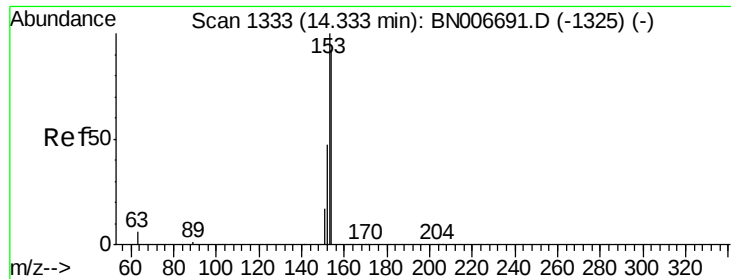
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	22.7	18.9	28.3



#16
Acenaphthylene
Concen: 5.558 ng
RT: 13.98 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.6	15.8

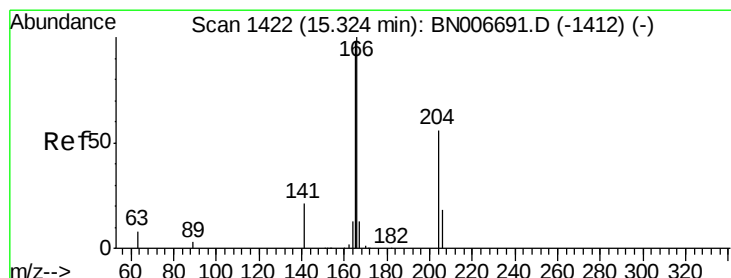
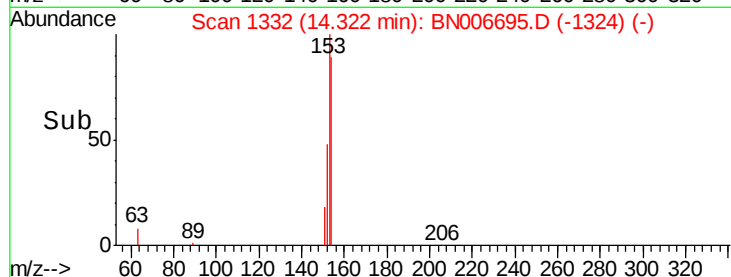
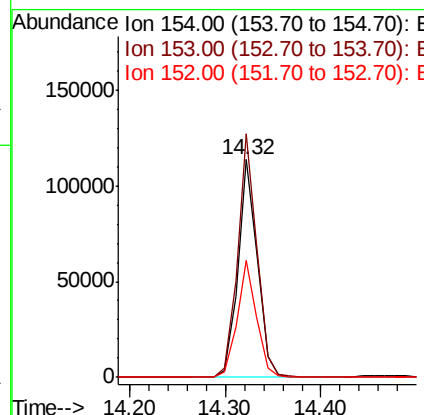
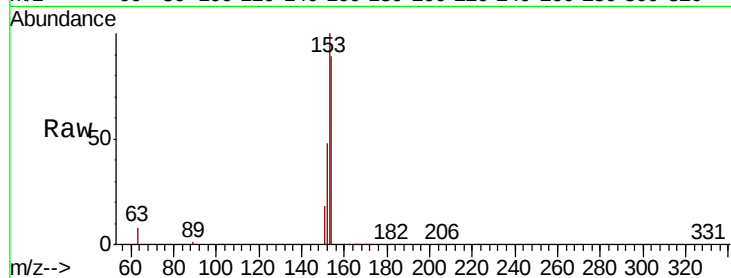




#17
Acenaphthene
Concen: 5.063 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

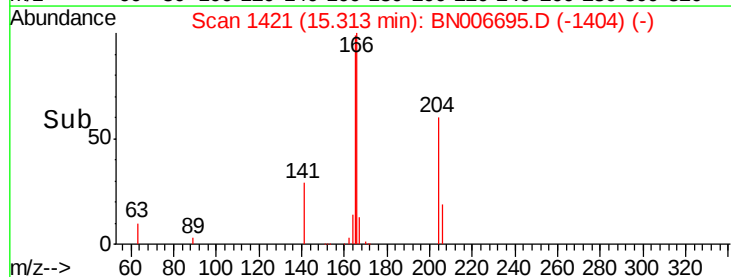
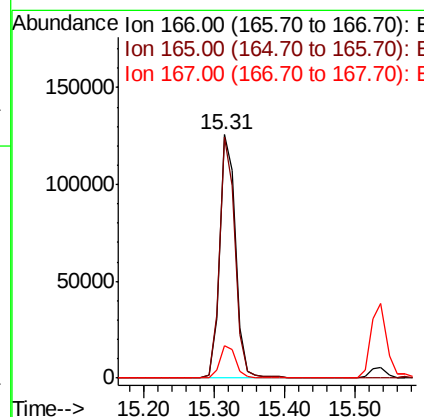
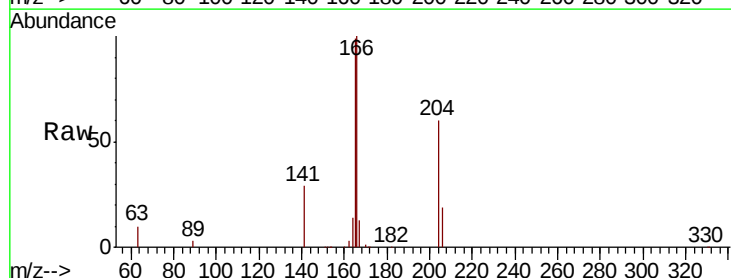
Instrument :
BNA_N
ClientSampleId :

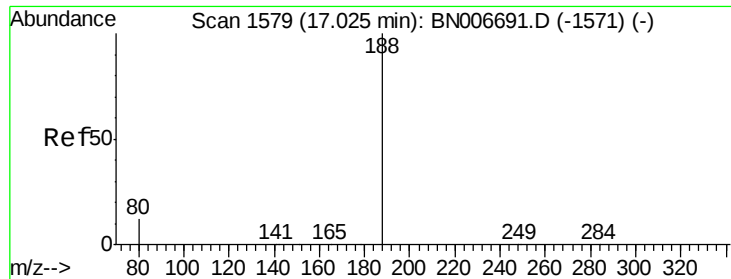
Tot Ion:154 Resp: 159952
Ion Ratio Lower Upper
154 100
153 111.5 88.9 133.3
152 53.2 42.8 64.2



#18
Fluorene
Concen: 5.017 ng
RT: 15.31 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Tgt Ion:166 Resp: 199959
Ion Ratio Lower Upper
166 100
165 96.7 78.0 117.0
167 13.4 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: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

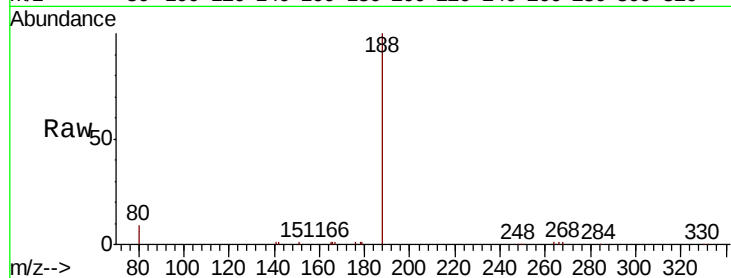
Tot Ion:188 Resp: 21098

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

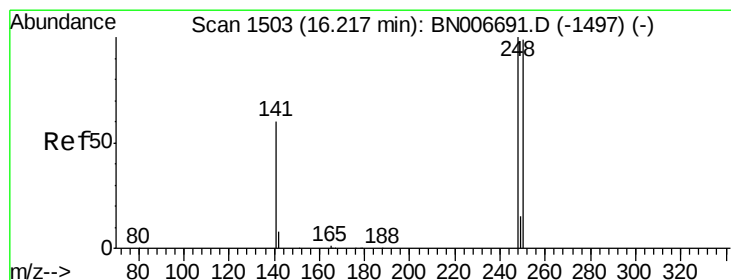
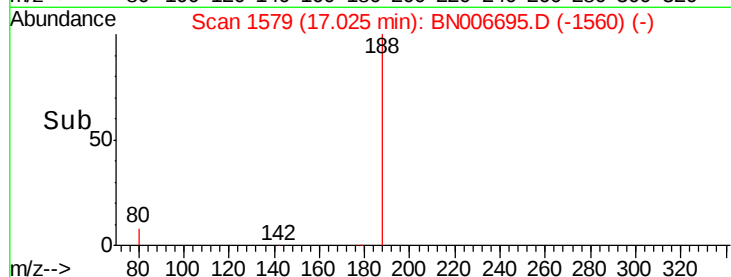
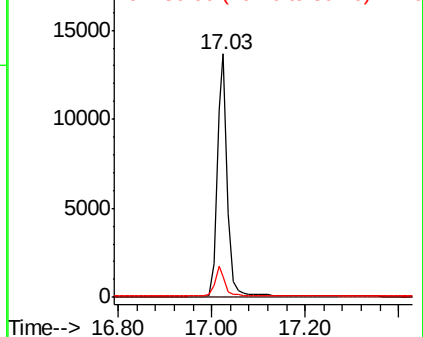
80 8.8 10.3 15.5#



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: 5.634 ng

RT: 16.21 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

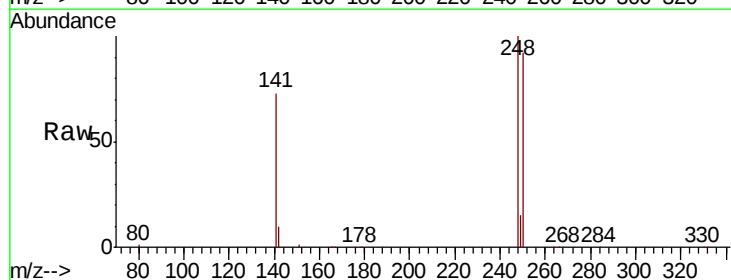
Tgt Ion:248 Resp: 65857

Ion Ratio Lower Upper

248 100

250 91.9 79.0 118.6

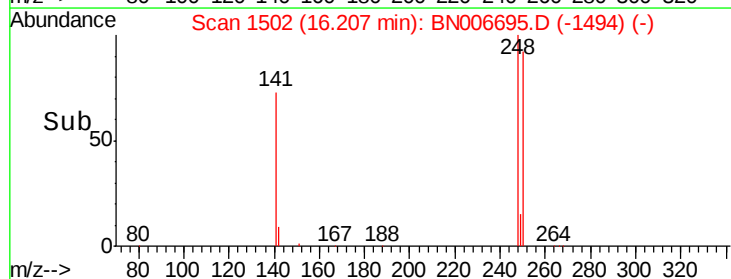
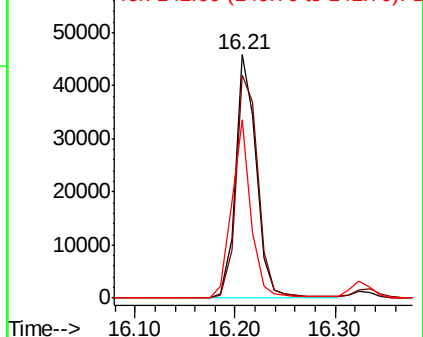
141 73.2 50.2 75.4

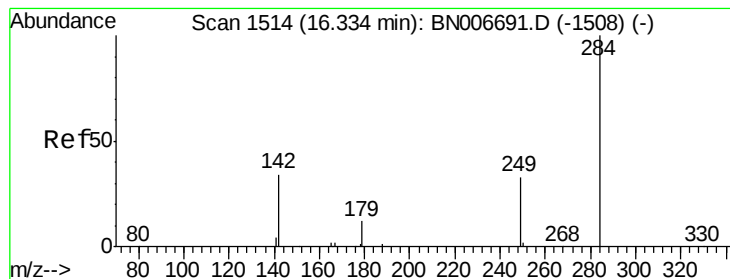


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.994 ng

RT: 16.33 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

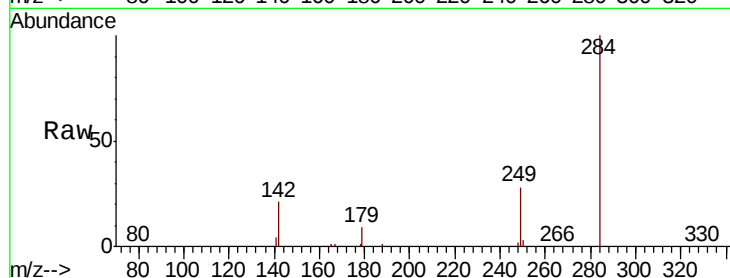
Tot Ion:284 Resp: 73778

Ion Ratio Lower Upper

284 100

142 34.0 26.9 40.3

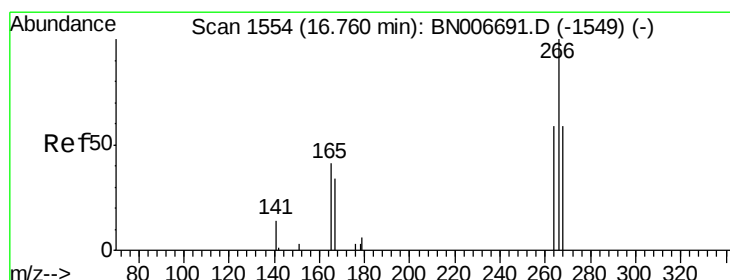
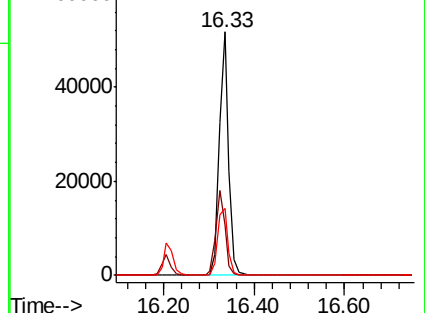
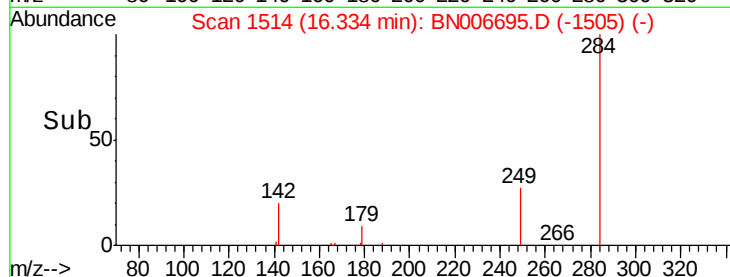
249 30.5 24.4 36.6



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: 5.639 ng

RT: 16.70 min Scan# 1548

Delta R.T. -0.06 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

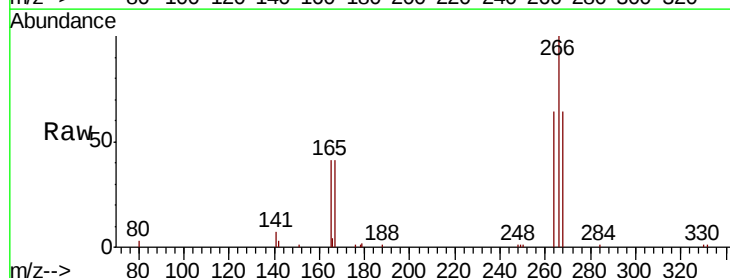
Tgt Ion:266 Resp: 13282

Ion Ratio Lower Upper

266 100

264 63.9 57.6 86.4

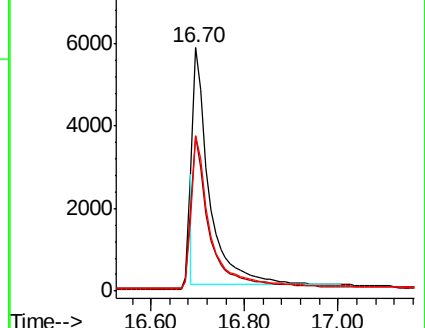
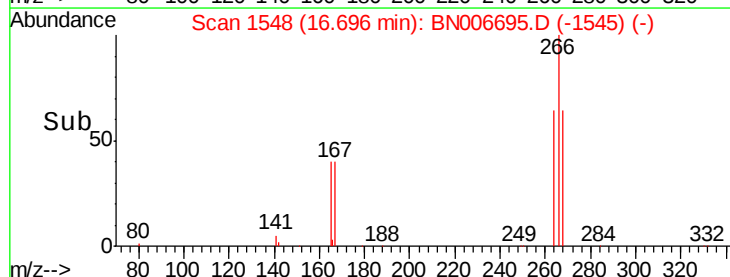
268 64.0 66.6 99.8#

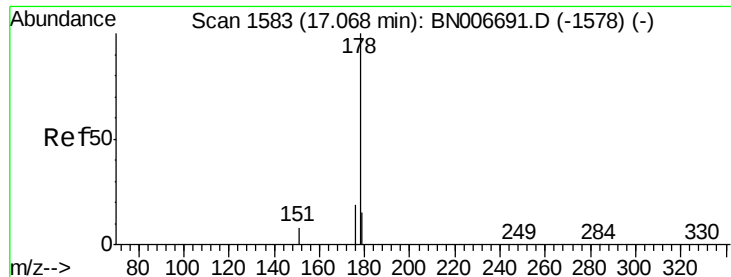


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.122 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

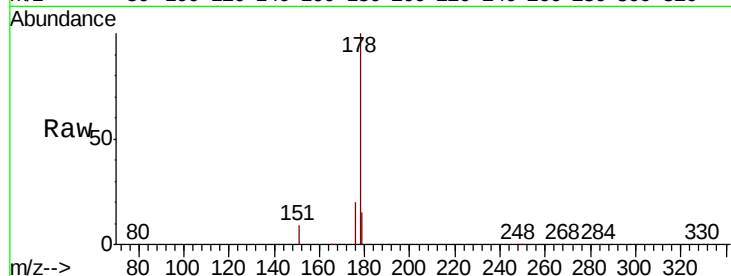
Tot Ion:178 Resp: 307302

Ion Ratio Lower Upper

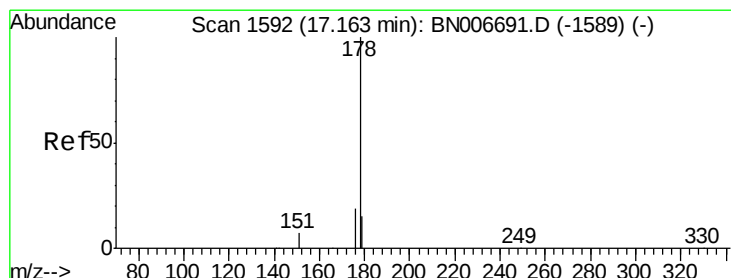
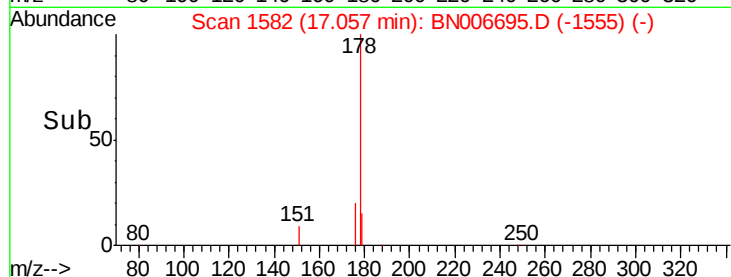
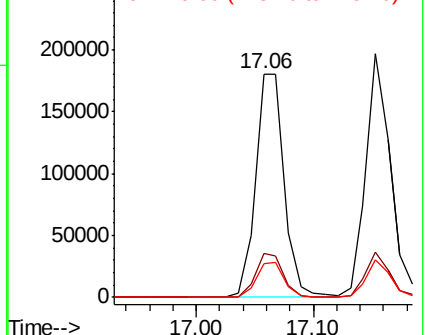
178 100

176 19.0 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: 5.664 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

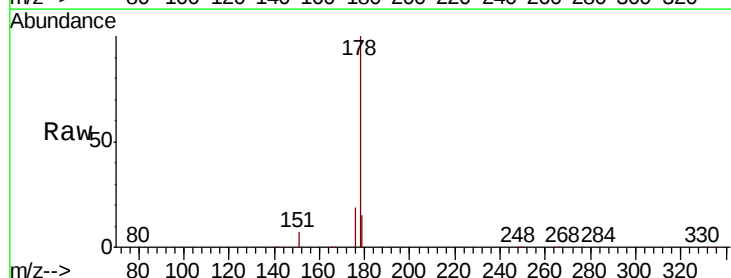
Tgt Ion:178 Resp: 294837

Ion Ratio Lower Upper

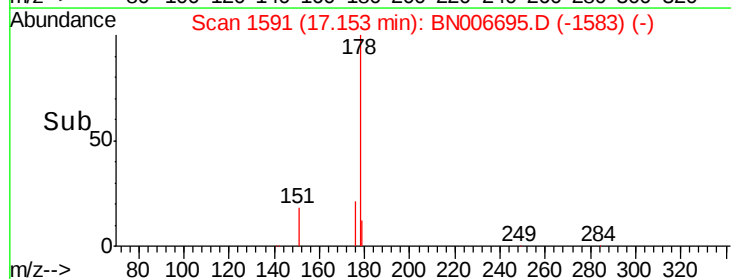
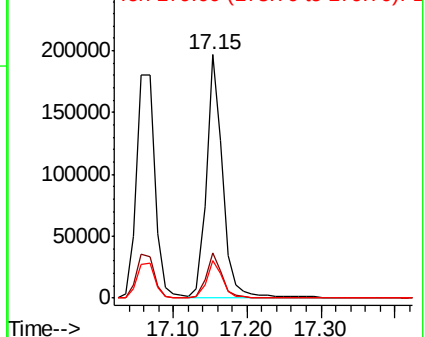
178 100

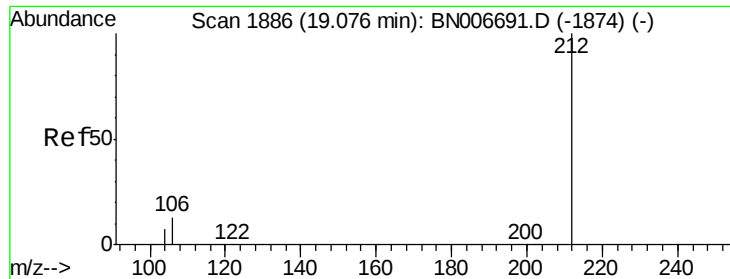
176 18.4 14.8 22.2

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

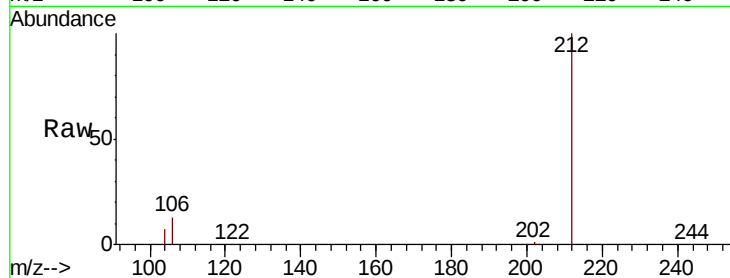




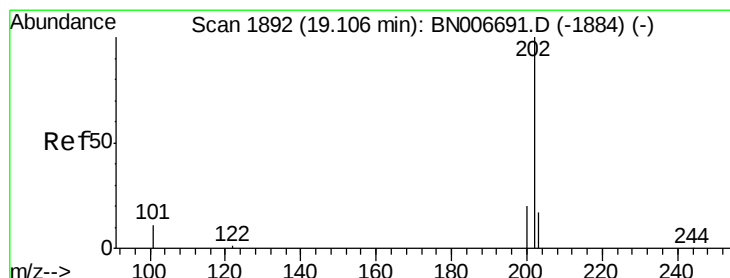
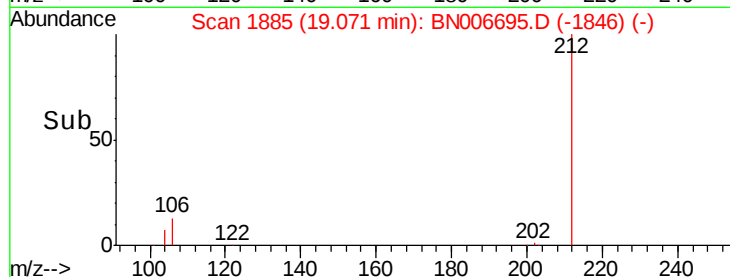
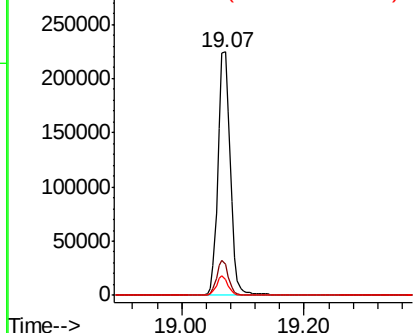
#25
 Fluoranthene-d10
 Concen: 5.056 ng
 RT: 19.07 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 313300
 Ion Ratio Lower Upper
 212 100
 106 13.9 11.0 16.6
 104 7.6 6.1 9.1

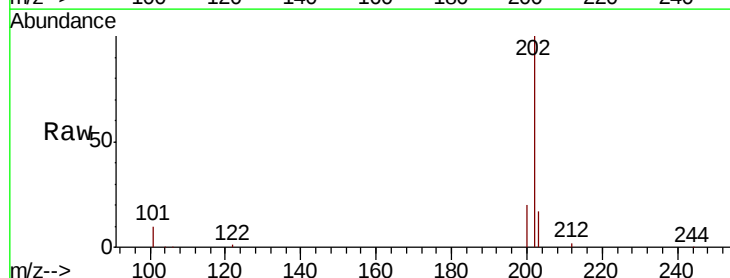


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

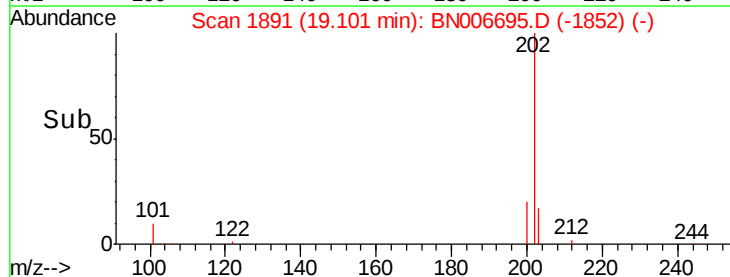
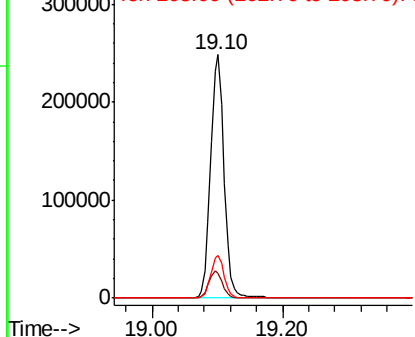


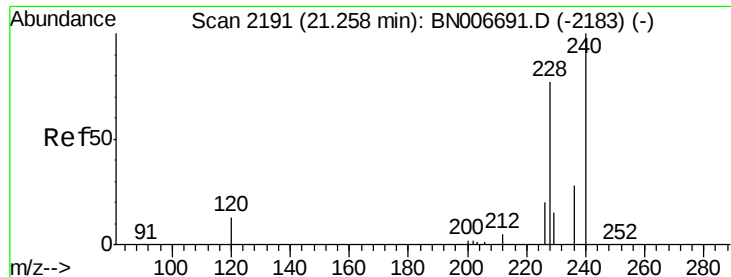
#26
 Fluoranthene
 Concen: 4.808 ng
 RT: 19.10 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

Tgt Ion:202 Resp: 350560
 Ion Ratio Lower Upper
 202 100
 101 11.4 8.7 13.1
 203 17.4 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

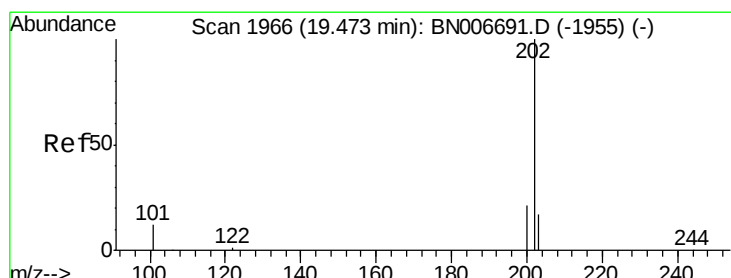
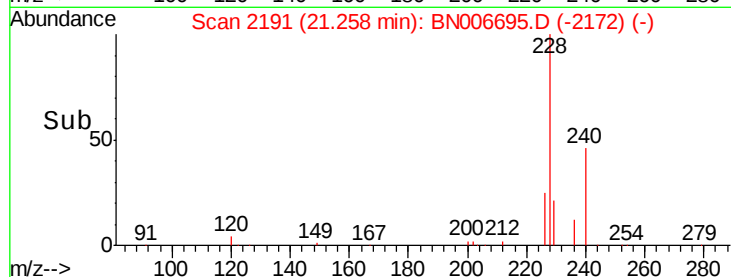
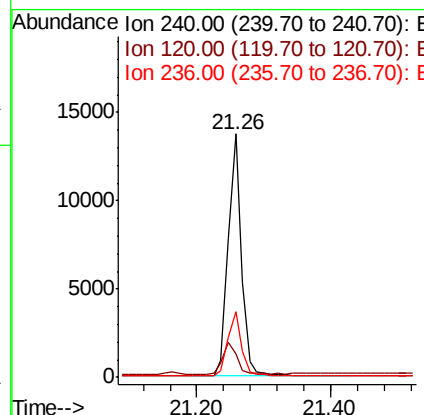
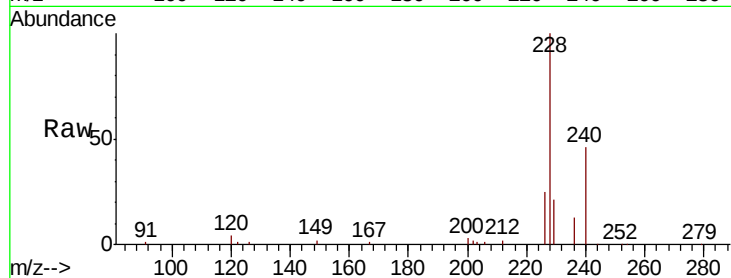




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

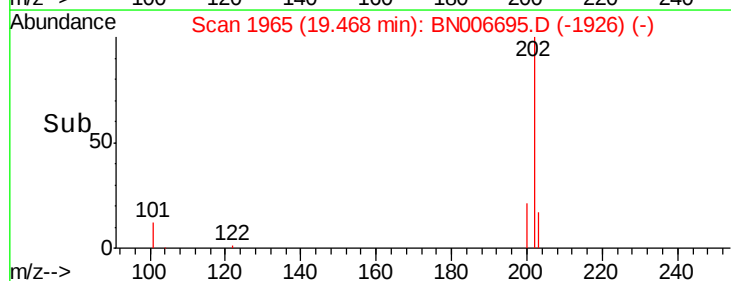
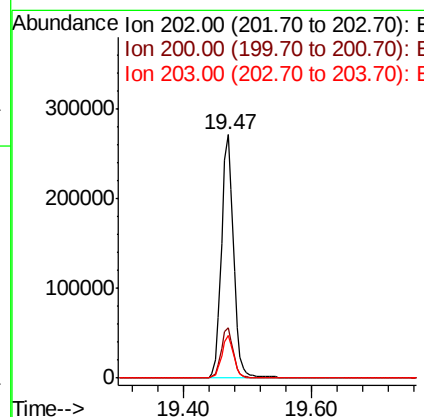
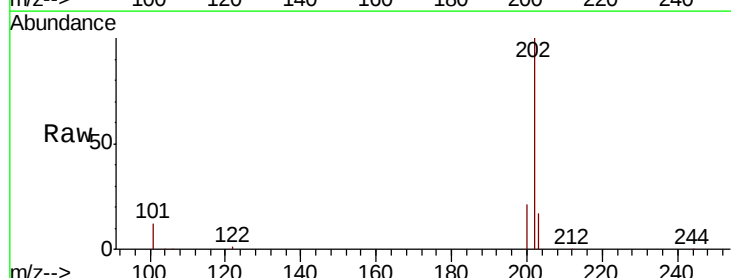
Instrument :
 BNA_N
 ClientSampleId :

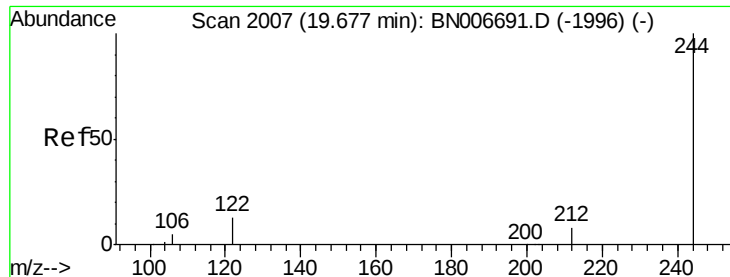
Tot Ion:240 Resp: 18862
 Ion Ratio Lower Upper
 240 100
 120 9.7 12.9 19.3#
 236 27.2 23.2 34.8



#28
 Pyrene
 Concen: 5.436 ng
 RT: 19.47 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BN006695.D
 Acq: 02 Jul 2019 16:54

Tgt Ion:202 Resp: 358810
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.8 25.2
 203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 5.357 ng

RT: 19.67 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

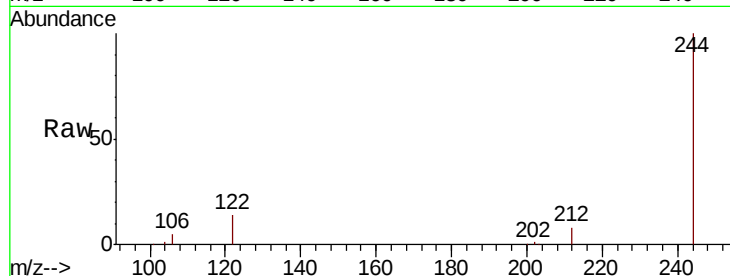
Tot Ion:244 Resp: 211645

Ion Ratio Lower Upper

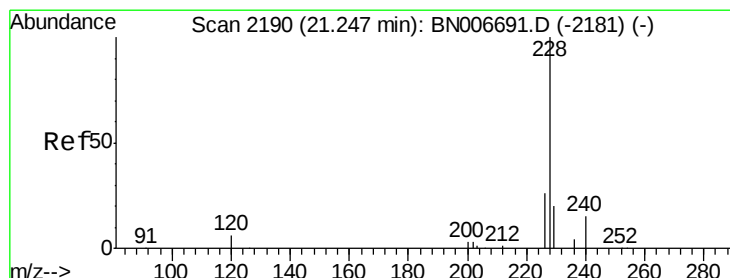
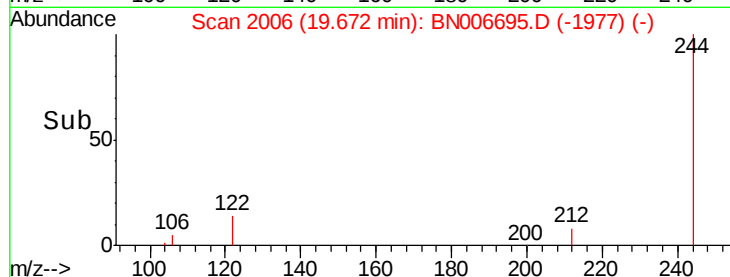
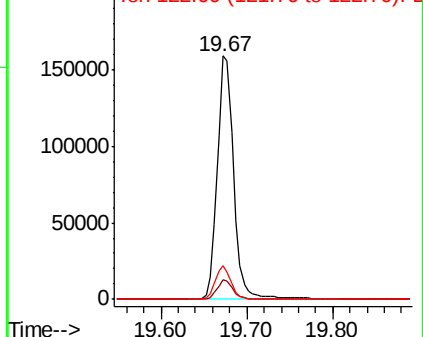
244 100

212 7.9 7.0 10.4

122 13.9 11.5 17.3



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 5.413 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

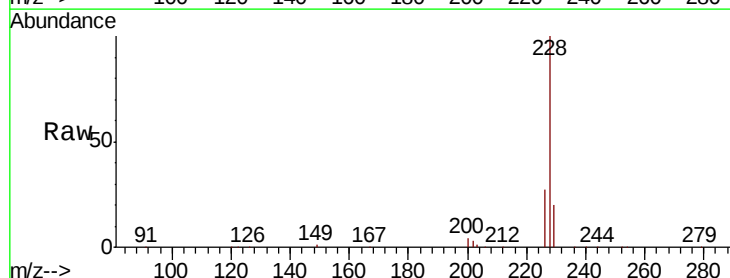
Tgt Ion:228 Resp: 333781

Ion Ratio Lower Upper

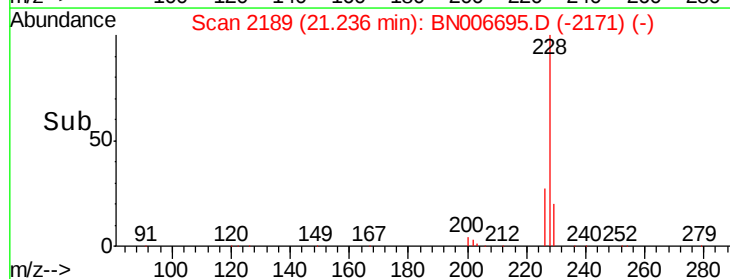
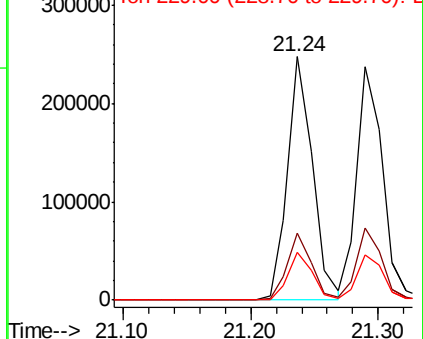
228 100

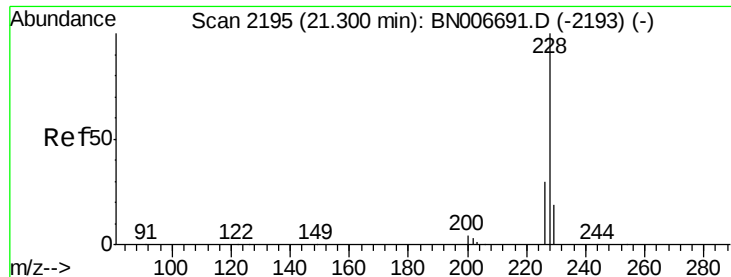
226 27.4 21.5 32.3

229 19.6 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: 5.004 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

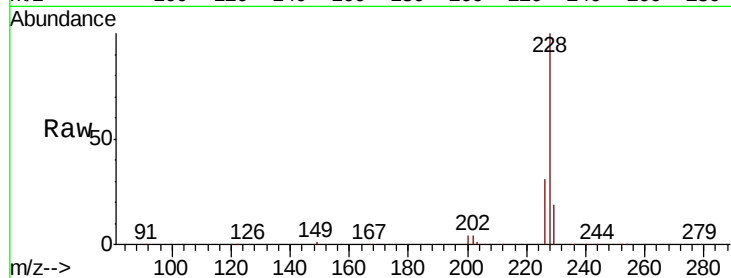
Tot Ion:228 Resp: 332634

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 19.2 15.8 23.6

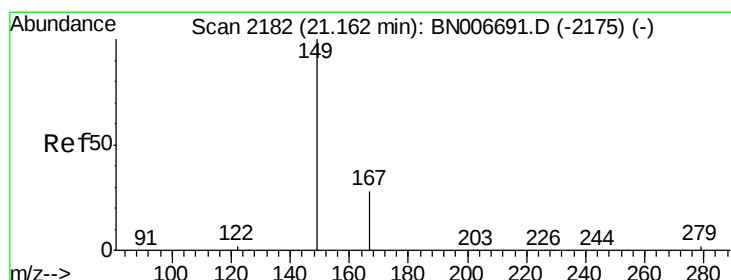
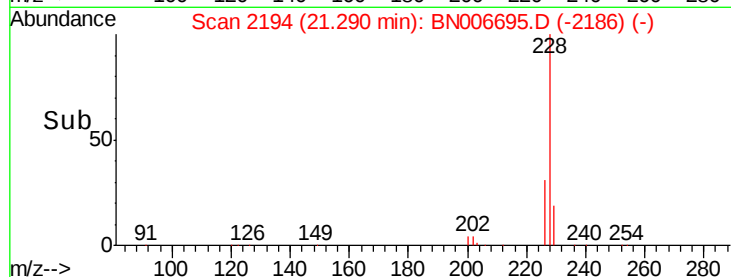
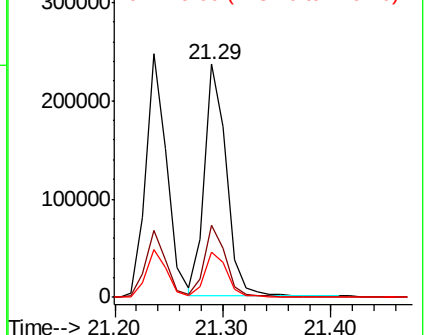


Abundance

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: 7.216 ng

RT: 21.16 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

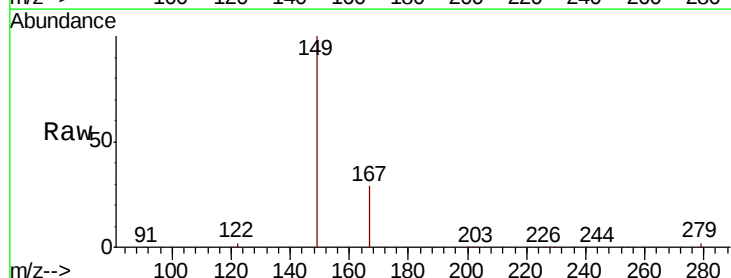
Tgt Ion:149 Resp: 223972

Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

279 3.9 3.2 4.8

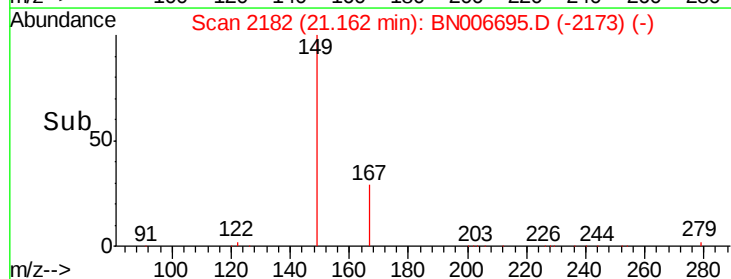
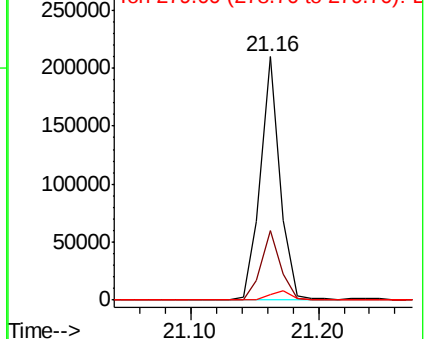


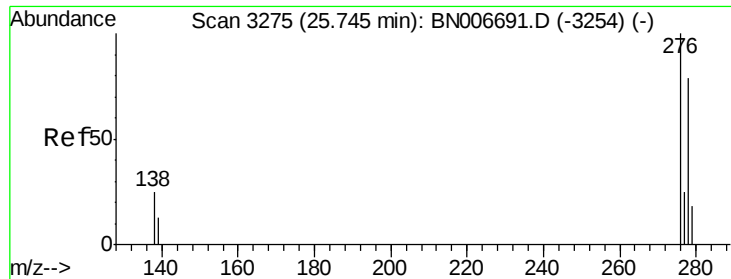
Abundance

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

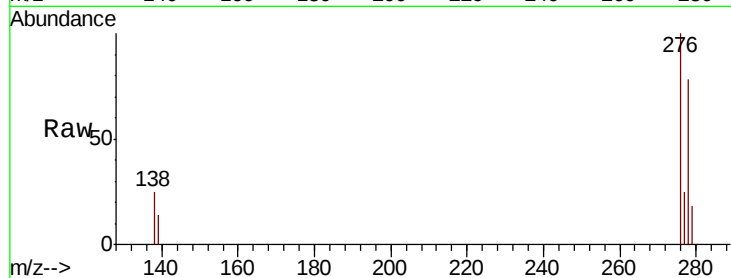




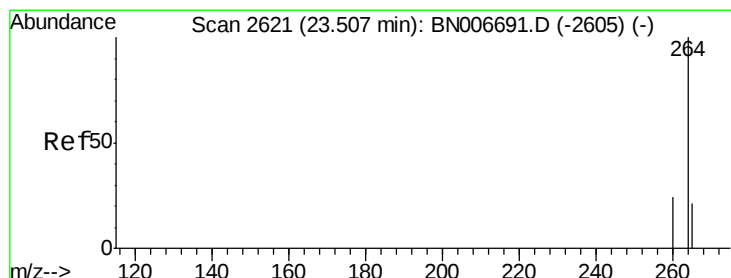
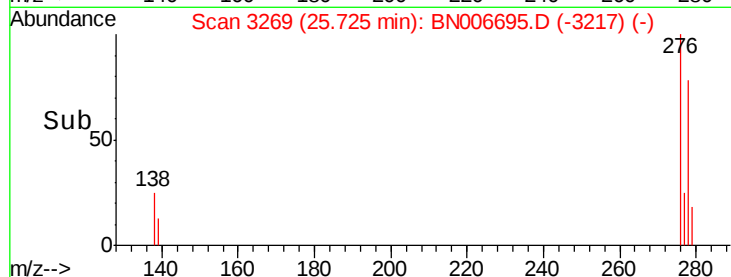
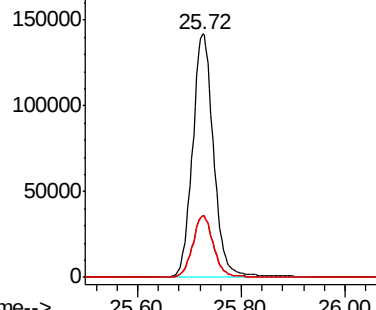
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.947 ng
RT: 25.72 min Scan# 3269
Delta R.T. -0.02 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.5	29.3
277	25.0	19.7	29.5

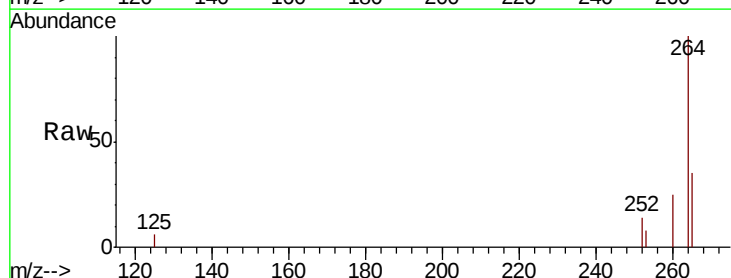


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

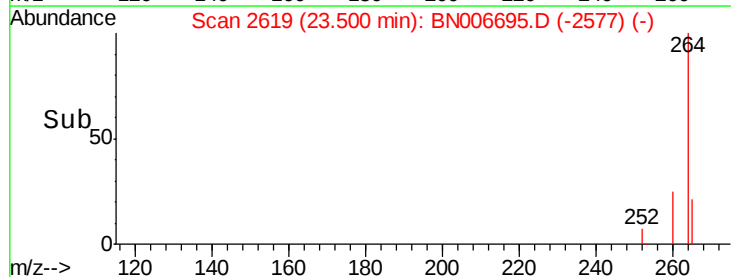
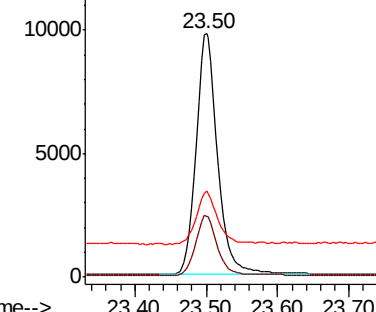


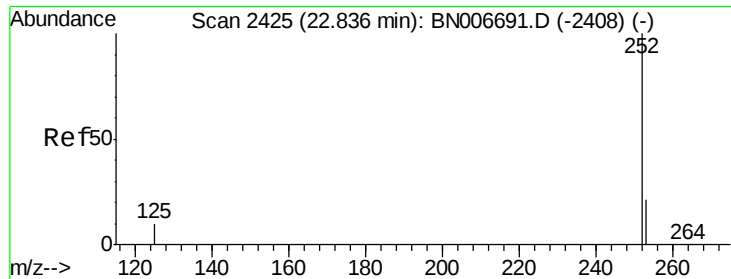
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	35.2	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

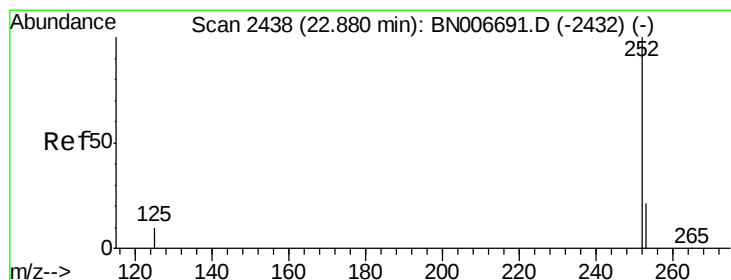
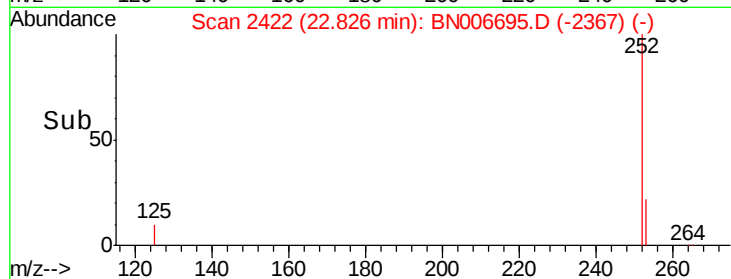
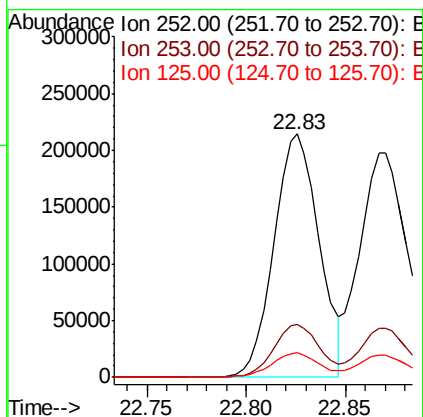
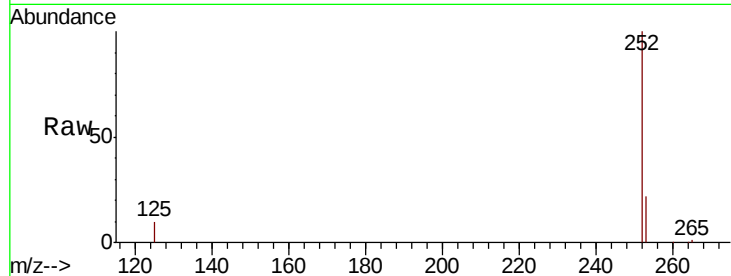




#35
Benzo(b)fluoranthene
Concen: 4.844 ng
RT: 22.83 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

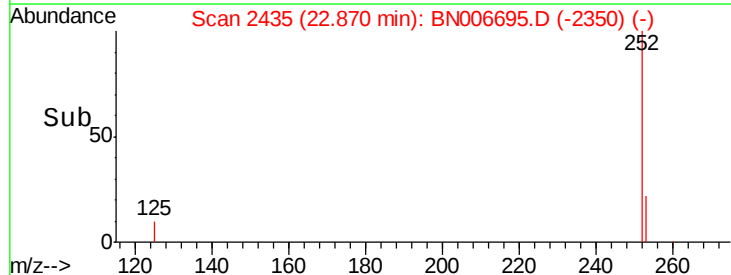
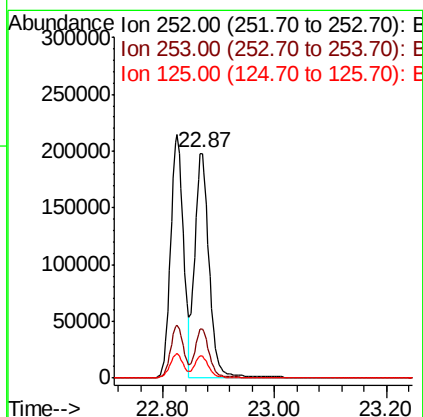
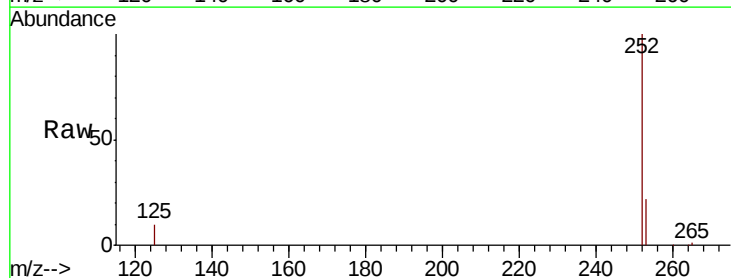
Instrument :
BNA_N
ClientSampled :

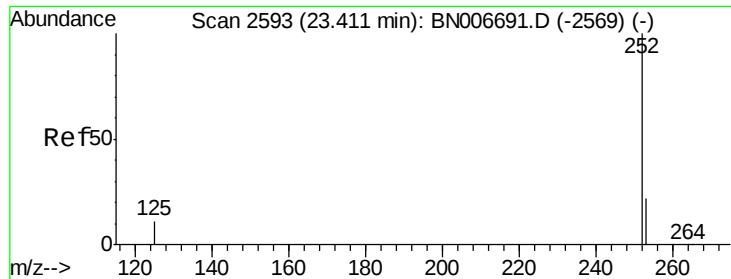
Tot Ion:252 Resp: 338743
Ion Ratio Lower Upper
252 100
253 21.8 20.2 30.2
125 10.0 11.5 17.3#



#36
Benzo(k)fluoranthene
Concen: 4.705 ng
RT: 22.87 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BN006695.D
Acq: 02 Jul 2019 16:54

Tgt Ion:252 Resp: 350740
Ion Ratio Lower Upper
252 100
253 22.0 20.1 30.1
125 9.8 11.4 17.0#





#37

Benzo(a)pyrene

Concen: 5.009 ng

RT: 23.40 min Scan# 2589

Delta R.T. -0.01 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :

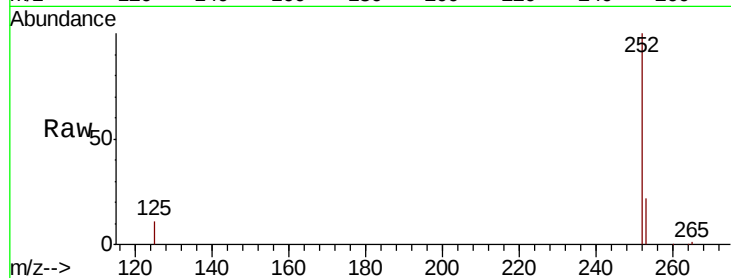
Tot Ion:252 Resp: 327463

Ion Ratio Lower Upper

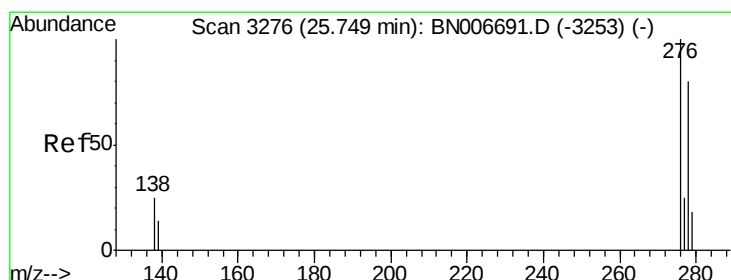
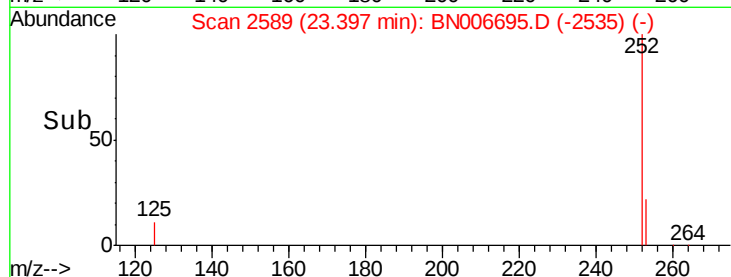
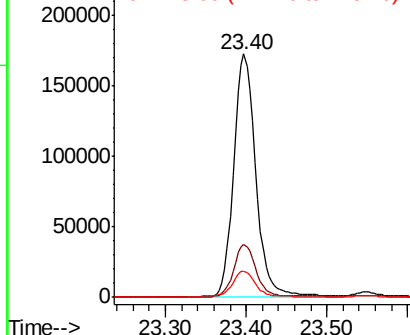
252 100

253 21.9 21.4 32.2

125 10.9 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: 5.649 ng

RT: 25.73 min Scan# 3271

Delta R.T. -0.02 min

Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

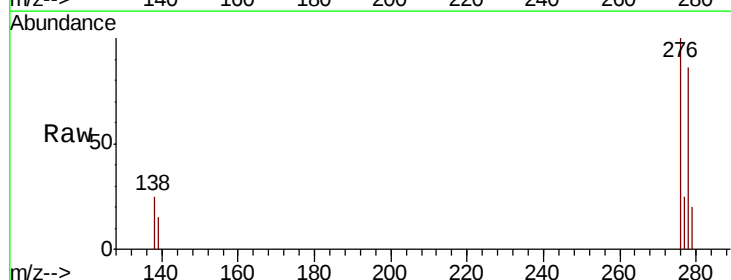
Tgt Ion:278 Resp: 322638

Ion Ratio Lower Upper

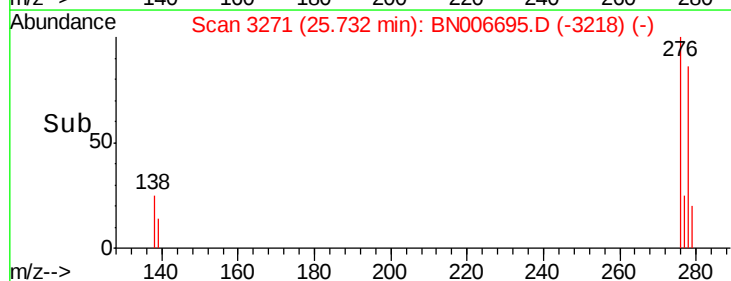
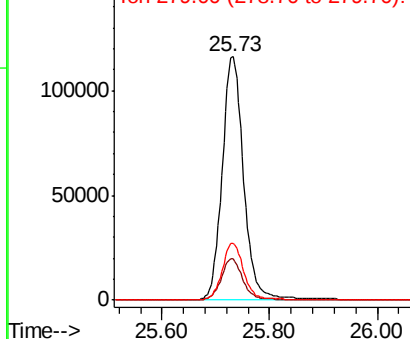
278 100

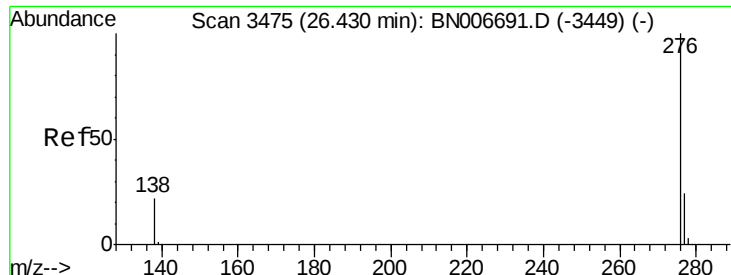
139 16.8 16.2 24.4

279 23.4 20.7 31.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 5.778 ng

RT: 26.41 min Scan# 3469

Delta R.T. -0.02 min

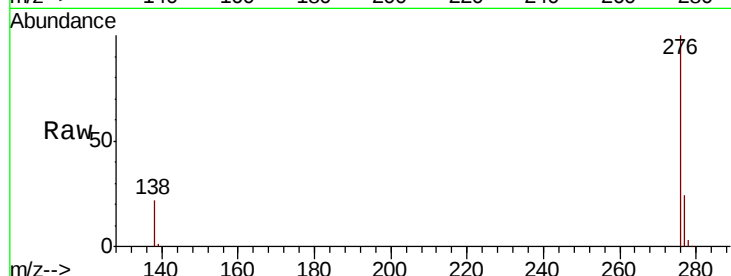
Lab File: BN006695.D

Acq: 02 Jul 2019 16:54

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 329421

Ion Ratio Lower Upper

276 100

277 23.7 20.6 30.8

138 21.8 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

