

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006693.D
 Acq On : 02 Jul 2019 15:45
 Operator : HP/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 02 17:08:37 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	4203	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	16307	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	8558	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	18223	0.40	ng	0.00
27) Chrysene-d12	21.27	240	16273	0.40	ng	0.01
34) Perylene-d12	23.53	264	18010	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	17907	1.74	ng	0.00
5) Phenol-d6	6.81	99	23306	1.71	ng	-0.02
8) Nitrobenzene-d5	8.77	82	20059	1.83	ng	-0.03
11) 2-Methylnaphthalene-d10	11.99	152	38984	1.52	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	6668	1.65	ng	-0.01
15) 2-Fluorobiphenyl	12.87	172	54118	1.71	ng	-0.01
25) Fluoranthene-d10	19.07	212	83692	1.56	ng	0.00
29) Terphenyl-d14	19.68	244	58891	1.73	ng	0.00

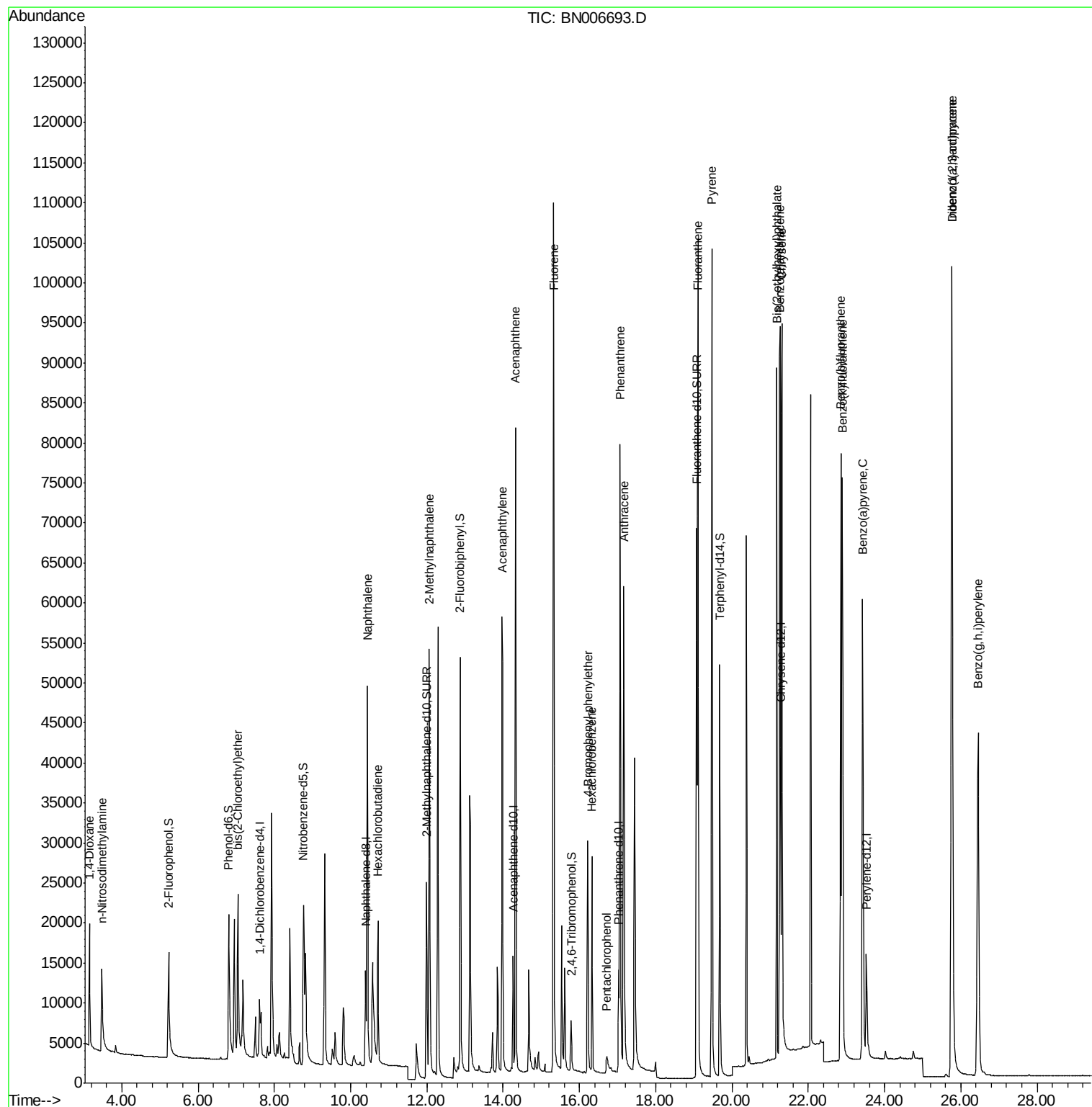
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	9928	1.707	ng	# 92
3) n-Nitrosodimethylamine	3.47	42	8581	1.877	ng	# 96
6) bis(2-Chloroethyl)ether	7.05	93	19598	1.610	ng	95
9) Naphthalene	10.44	128	69447	1.621	ng	98
10) Hexachlorobutadiene	10.72	225	14255	1.618	ng	# 99
12) 2-Methylnaphthalene	12.07	142	45902	1.550	ng	99
16) Acenaphthylene	13.98	152	70733	1.734	ng	100
17) Acenaphthene	14.32	154	44157	1.643	ng	100
18) Fluorene	15.32	166	54832	1.617	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	17566	1.740	ng	# 92
21) Hexachlorobenzene	16.33	284	20765	1.627	ng	100
22) Pentachlorophenol	16.72	266	3031	1.490	ng	87
23) Phenanthrene	17.07	178	83958	1.620	ng	100
24) Anthracene	17.16	178	78096	1.737	ng	99
26) Fluoranthene	19.11	202	98917	1.571	ng	100
28) Pyrene	19.47	202	100880	1.772	ng	100
30) Benzo(a)anthracene	21.25	228	89222	1.677	ng	97
31) Chrysene	21.31	228	93833	1.636	ng	99
32) Bis(2-ethylhexyl)phthalate	21.17	149	71190	2.659	ng	99
33) Indeno(1,2,3-cd)pyrene	25.77	276	112829	1.944	ng	99
35) Benzo(b)fluoranthene	22.85	252	92888	1.516	ng	# 93
36) Benzo(k)fluoranthene	22.90	252	102480	1.569	ng	# 93
37) Benzo(a)pyrene	23.43	252	91380	1.596	ng	# 91
38) Dibenzo(a,h)anthracene	25.77	278	90919	1.817	ng	95
39) Benzo(g,h,i)perylene	26.45	276	92972	1.861	ng	96

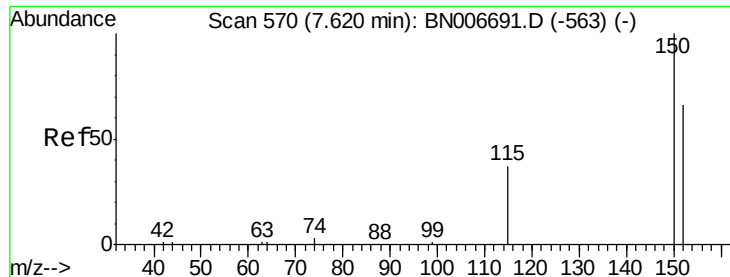
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 569

Delta R.T. -0.01 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampleId :

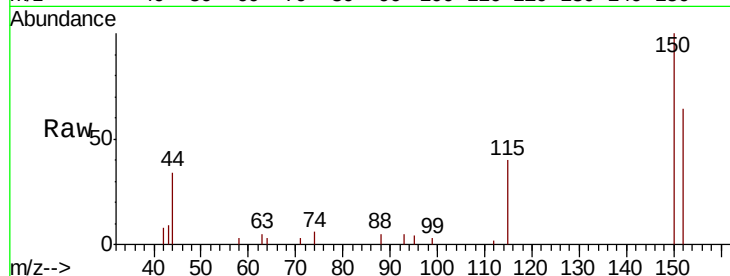
Tot Ion:152 Resp: 4203

Ion Ratio Lower Upper

152 100

150 155.8 120.6 181.0

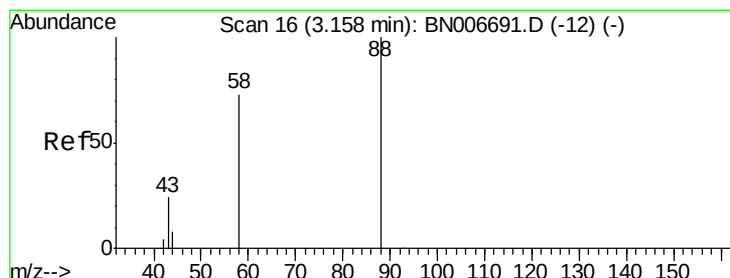
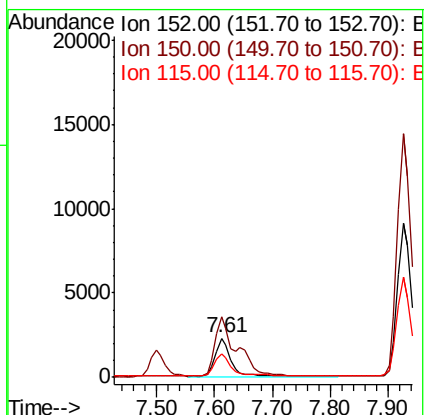
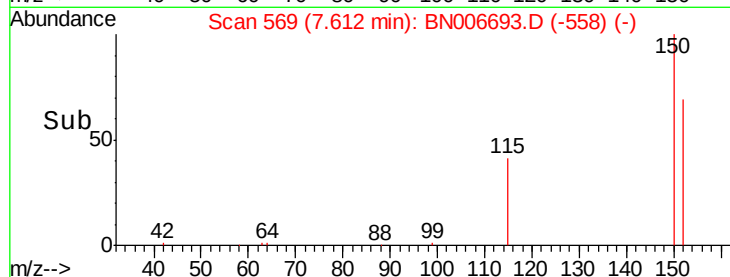
115 61.9 51.0 76.6



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: 1.707 ng

RT: 3.16 min Scan# 16

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

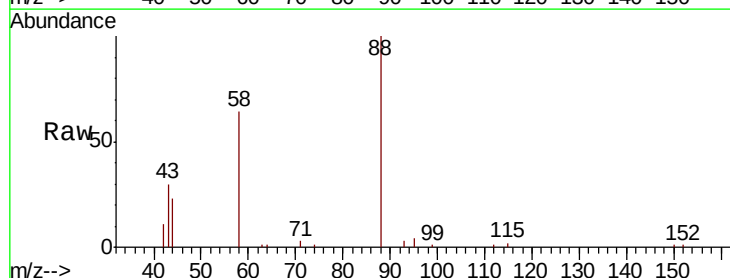
Tgt Ion: 88 Resp: 9928

Ion Ratio Lower Upper

88 100

58 79.7 61.1 91.7

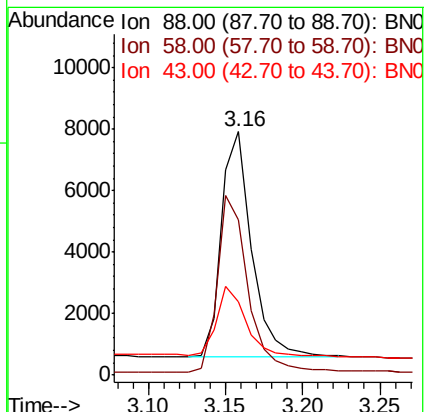
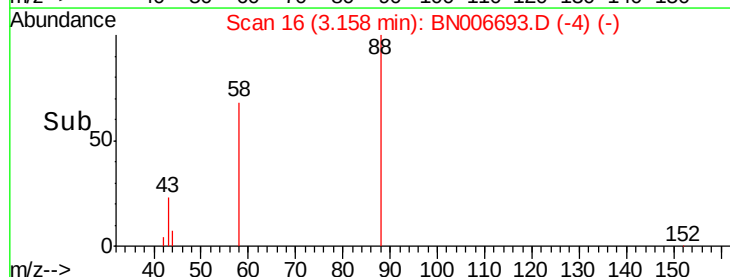
43 30.6 32.4 48.6#

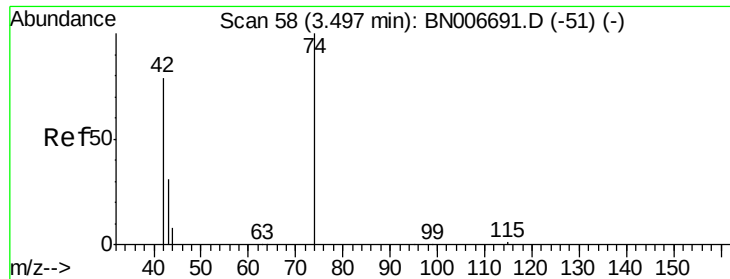


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



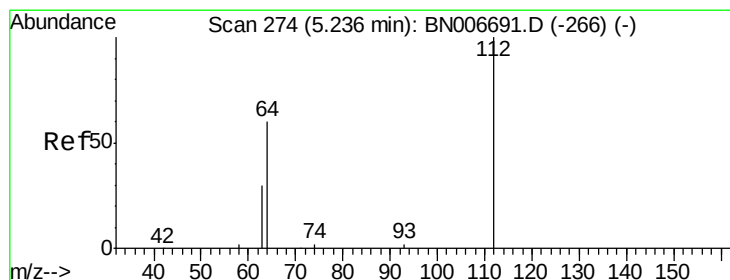
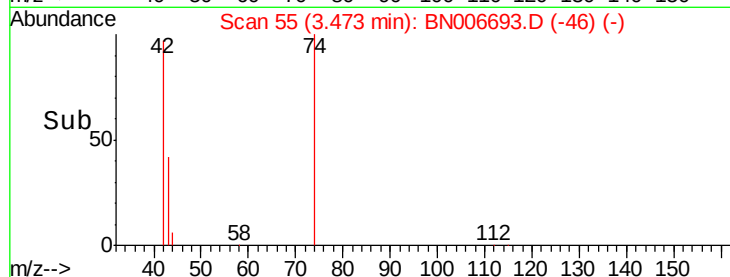
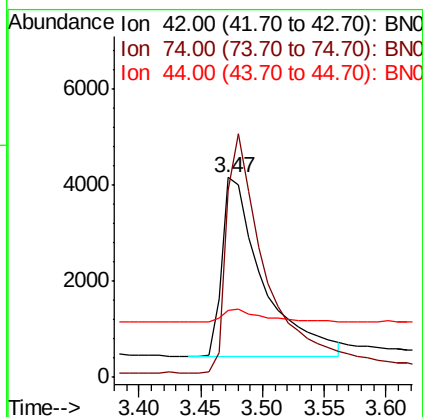
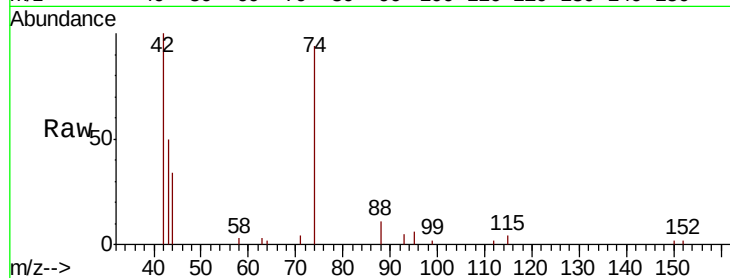


#3

n-Nitrosodimethylamine
 Concen: 1.877 ng
 RT: 3.47 min Scan# 55
 Delta R.T. -0.02 min
 Lab File: BN006693.D
 Acq: 02 Jul 2019 15:45

Instrument :
 BNA_N
 ClientSampleId :

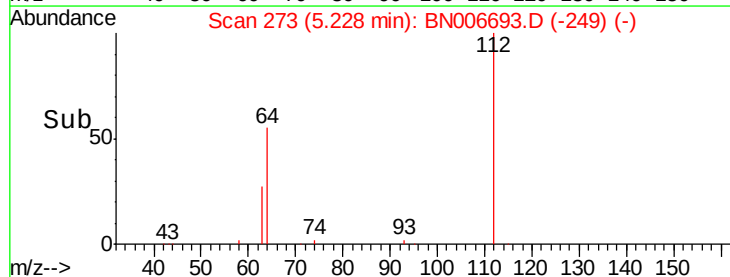
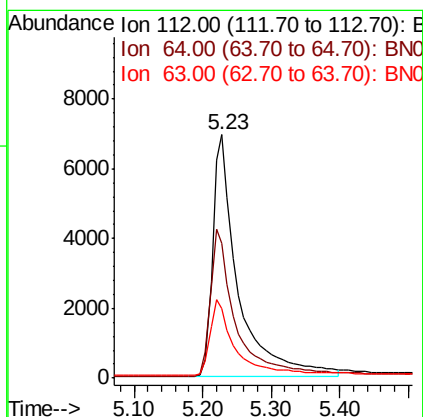
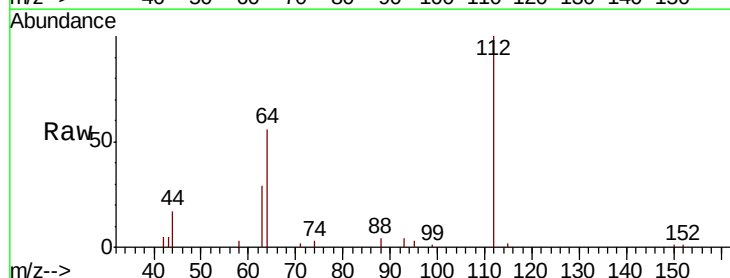
Tot Ion: 42 Resp: 8581
 Ion Ratio Lower Upper
 42 100
 74 129.4 106.6 160.0
 44 7.7 8.0 12.0#

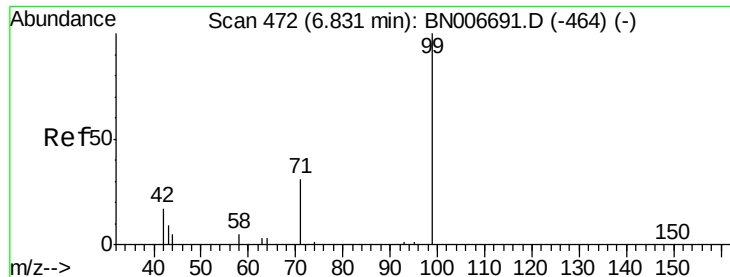


#4

2-Fluorophenol
 Concen: 1.737 ng
 RT: 5.23 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN006693.D
 Acq: 02 Jul 2019 15:45

Tgt Ion: 112 Resp: 17907
 Ion Ratio Lower Upper
 112 100
 64 60.9 49.8 74.6
 63 30.9 25.8 38.6





#5

Phenol-d6

Concen: 1.708 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampled :

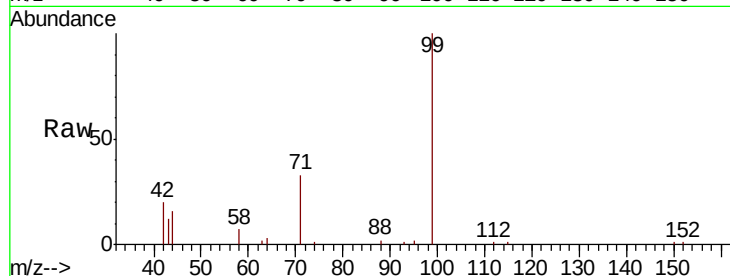
Tot Ion: 99 Resp: 23306

Ion Ratio Lower Upper

99 100

42 19.7 16.6 25.0

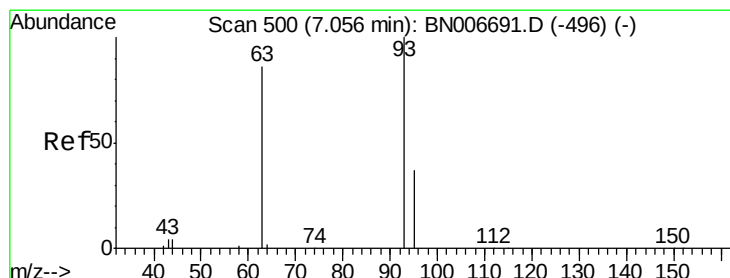
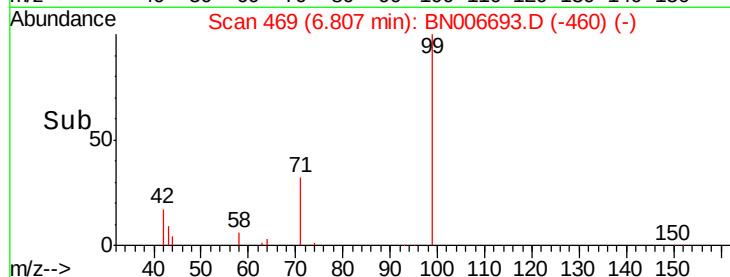
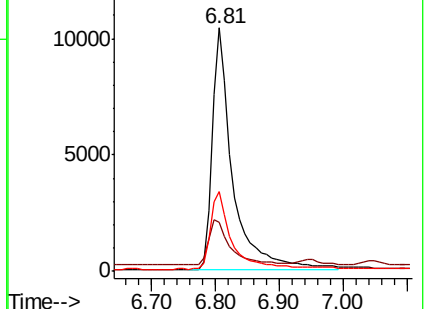
71 33.1 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006693.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006693.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006693.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.610 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.01 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

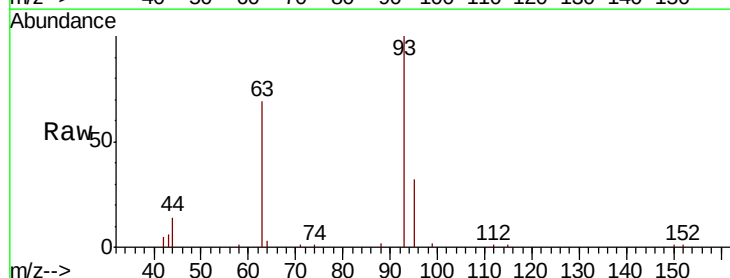
Tgt Ion: 93 Resp: 19598

Ion Ratio Lower Upper

93 100

63 76.5 58.6 87.8

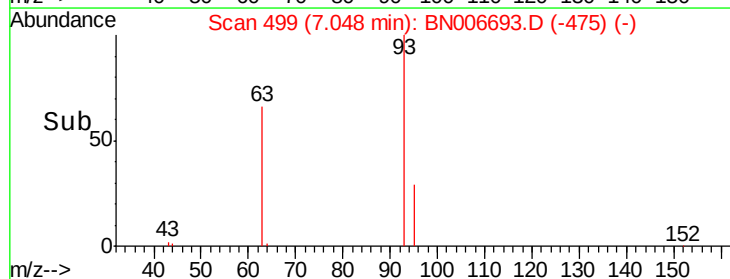
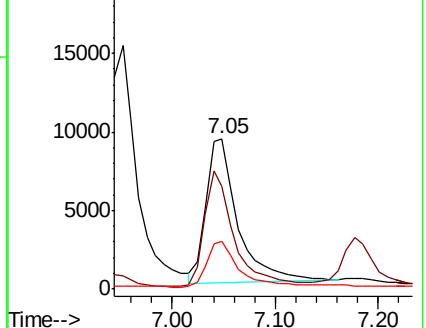
95 31.9 28.3 42.5

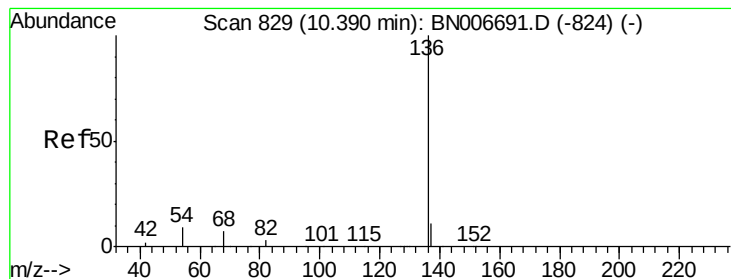


Abundance Ion 93.00 (92.70 to 93.70): BN006693.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006693.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006693.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 16307

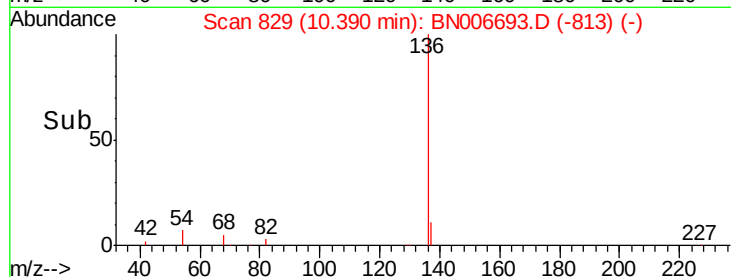
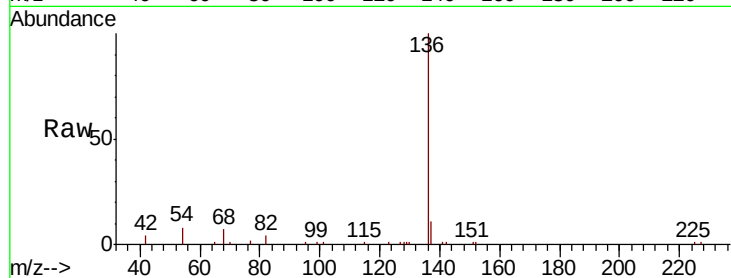
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.8 8.4 12.6#

68 6.5 6.8 10.2#

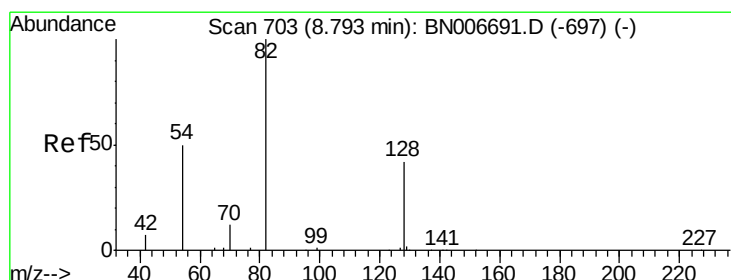
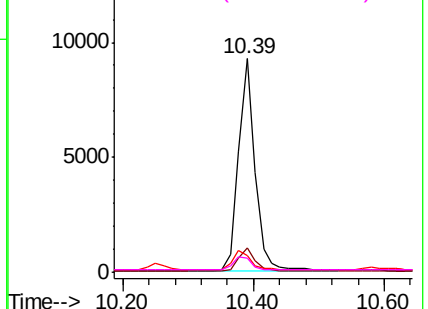


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.829 ng

RT: 8.77 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

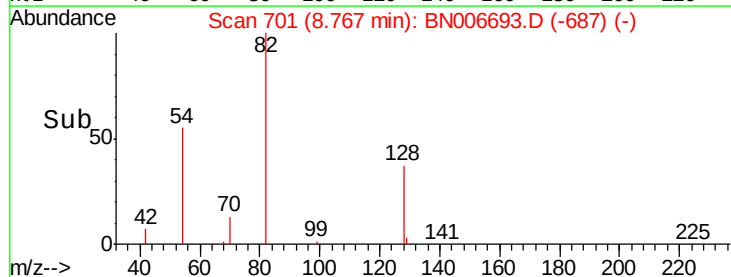
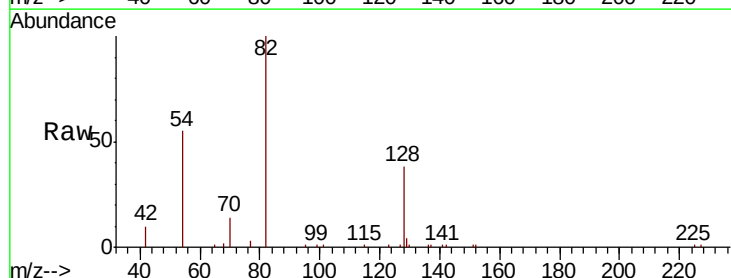
Tgt Ion: 82 Resp: 20059

Ion Ratio Lower Upper

82 100

128 37.8 36.1 54.1

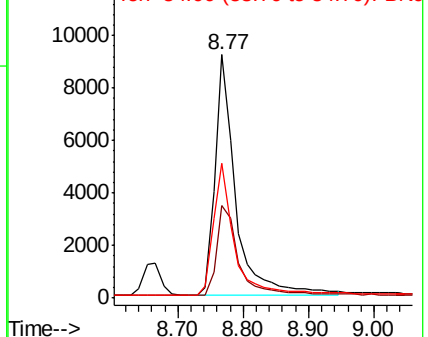
54 55.3 44.5 66.7

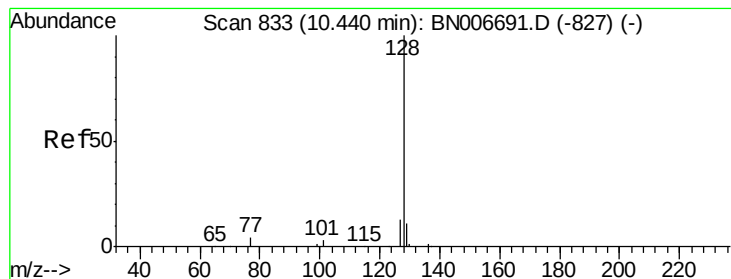


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.621 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampleId :

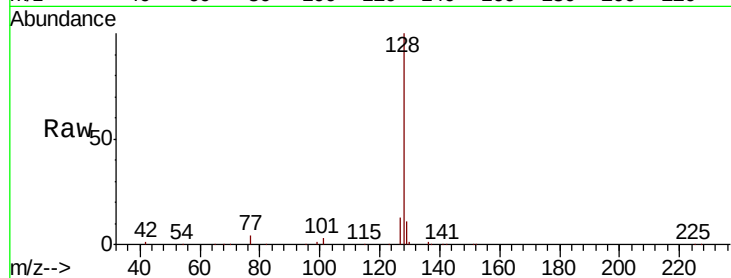
Tot Ion:128 Resp: 69447

Ion Ratio Lower Upper

128 100

129 11.1 9.6 14.4

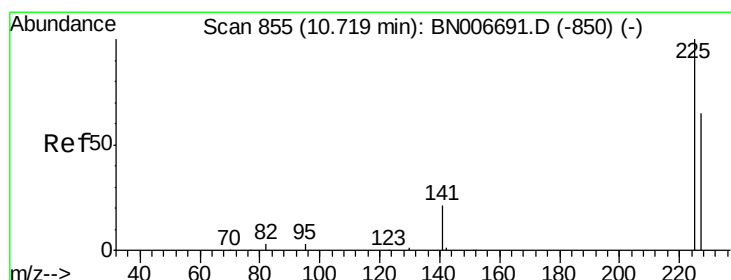
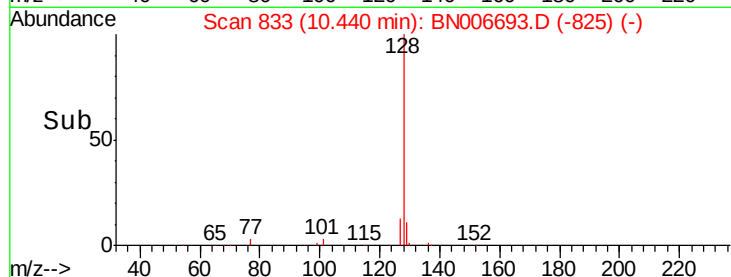
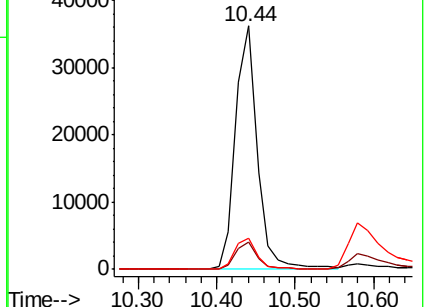
127 12.9 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.618 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

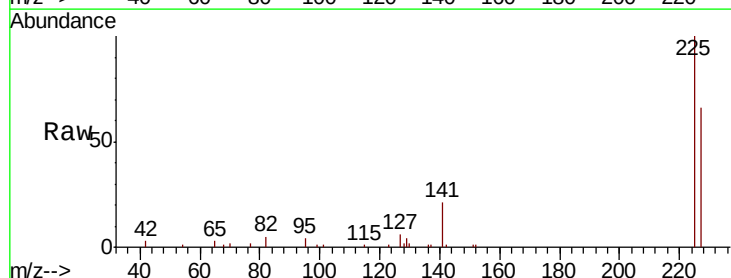
Tgt Ion:225 Resp: 14255

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

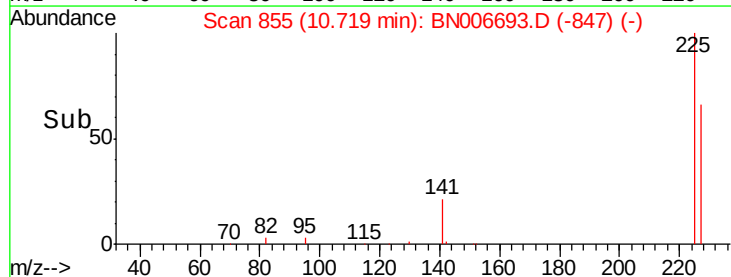
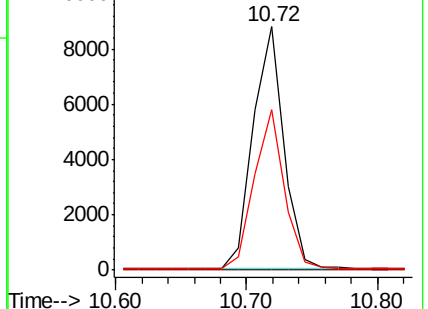
227 64.0 50.9 76.3

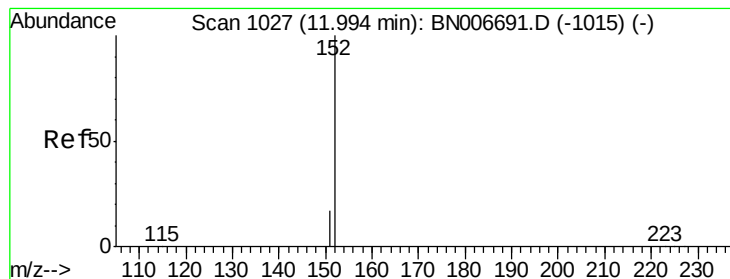


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.518 ng

RT: 11.99 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

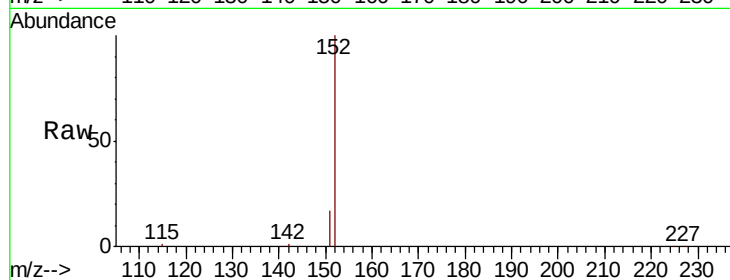
ClientSampleId :

Tot Ion:152 Resp: 38984

Ion Ratio Lower Upper

152 100

151 19.1 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

20000

15000

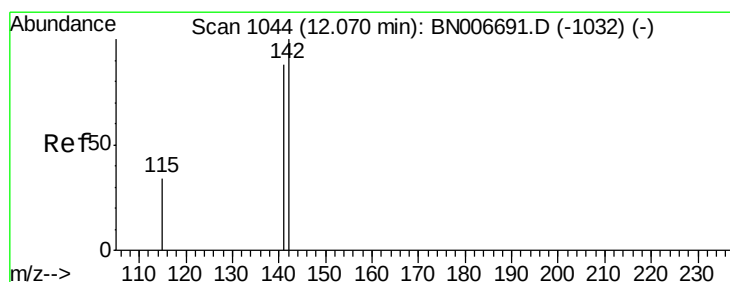
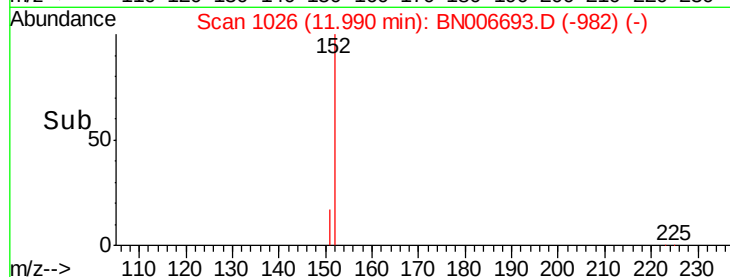
10000

5000

0

Time-->

12.00 12.20



#12

2-Methylnaphthalene

Concen: 1.550 ng

RT: 12.07 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

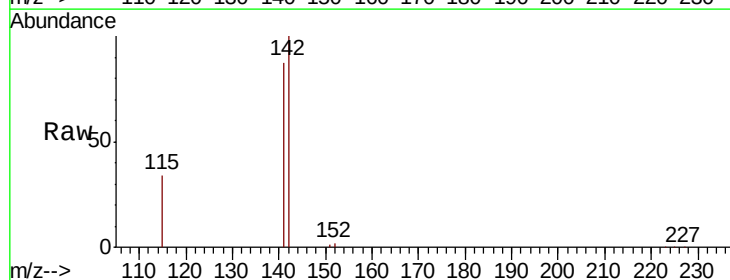
Tgt Ion:142 Resp: 45902

Ion Ratio Lower Upper

142 100

141 87.1 70.3 105.5

115 34.4 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

12.07

30000

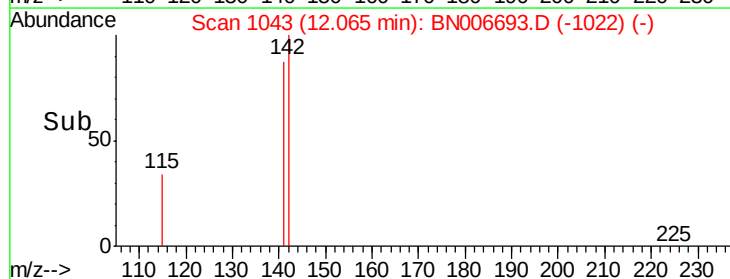
20000

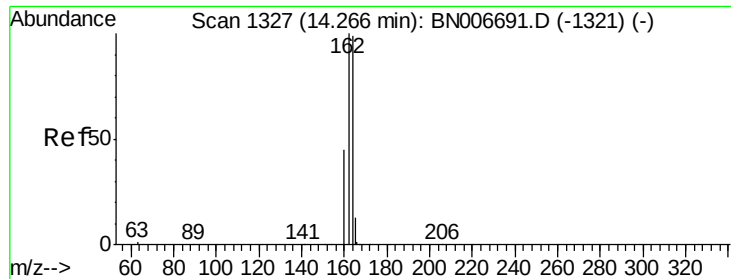
10000

0

Time-->

12.00 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampleId :

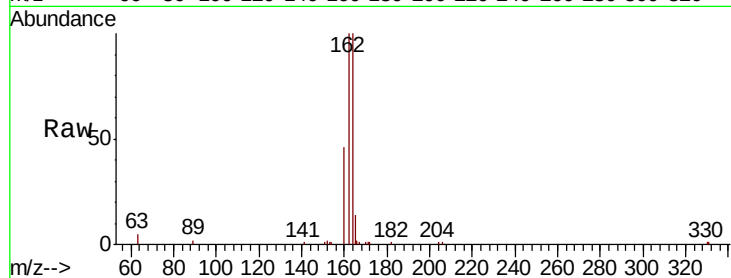
Tot Ion:164 Resp: 8558

Ion Ratio Lower Upper

164 100

162 100.2 80.8 121.2

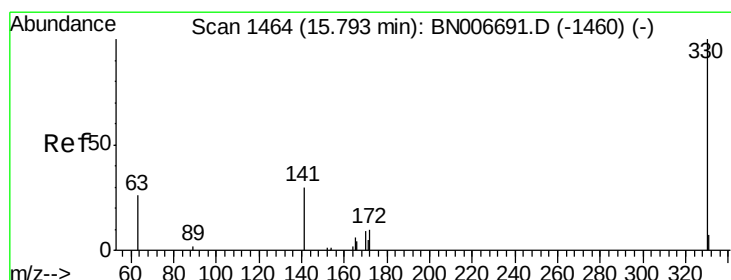
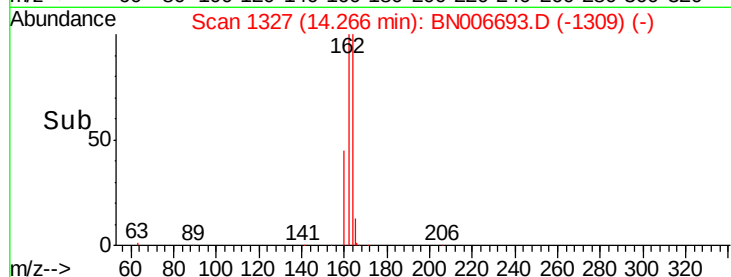
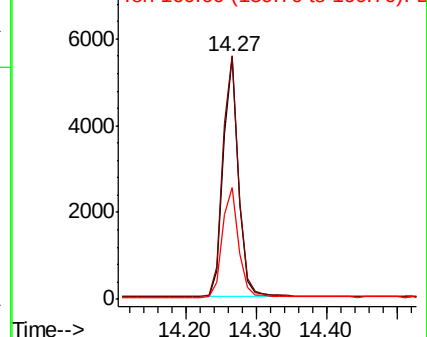
160 45.9 37.0 55.6



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: 1.655 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

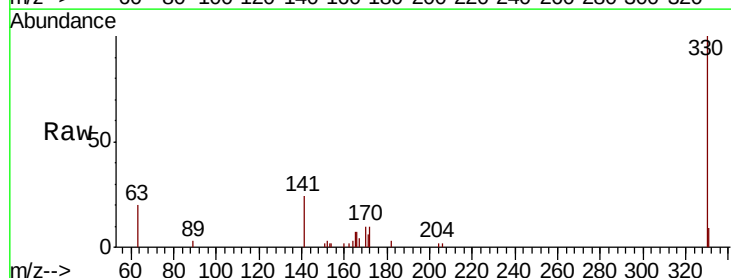
Tgt Ion:330 Resp: 6668

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

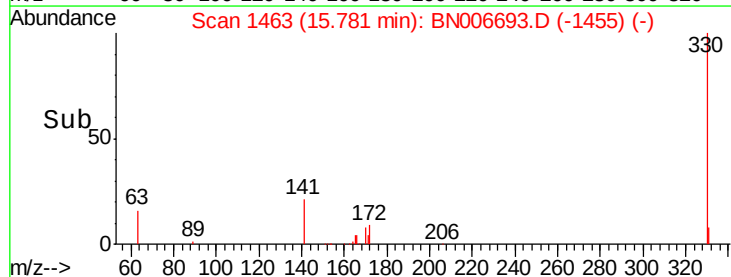
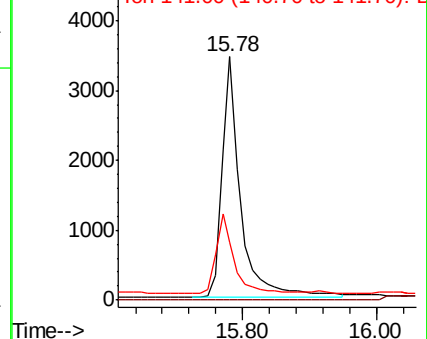
141 32.0 24.8 37.2

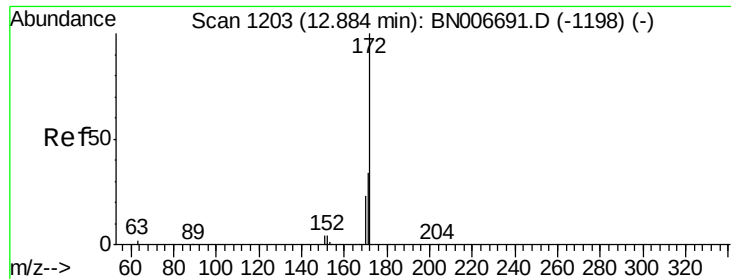


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

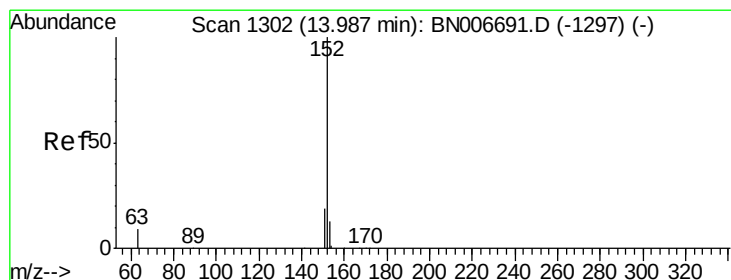
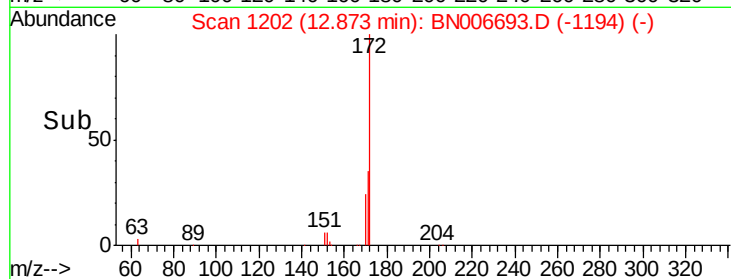
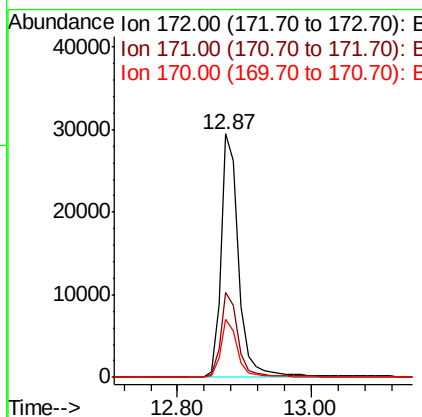
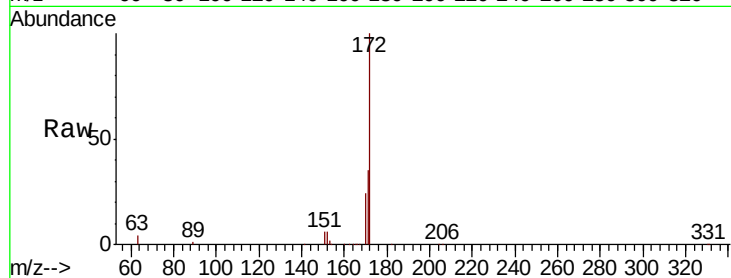




#15
2-Fluorobiphenyl
Concen: 1.707 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006693.D
Acq: 02 Jul 2019 15:45

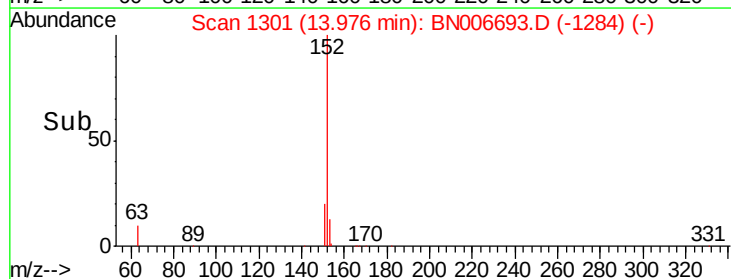
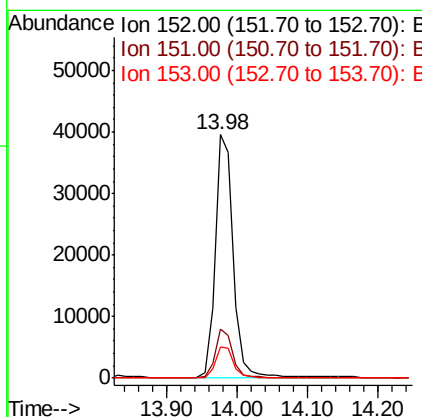
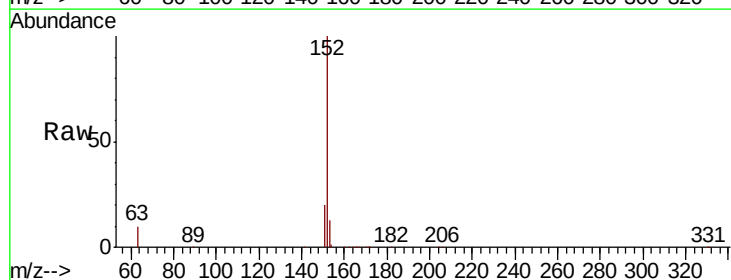
Instrument :
BNA_N
ClientSampleId :

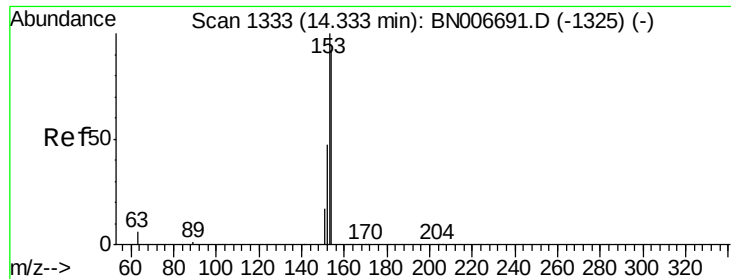
Tot Ion:172 Resp: 54118
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.8 18.9 28.3



#16
Acenaphthylene
Concen: 1.734 ng
RT: 13.98 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN006693.D
Acq: 02 Jul 2019 15:45

Tgt Ion:152 Resp: 70733
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 1.643 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampleId :

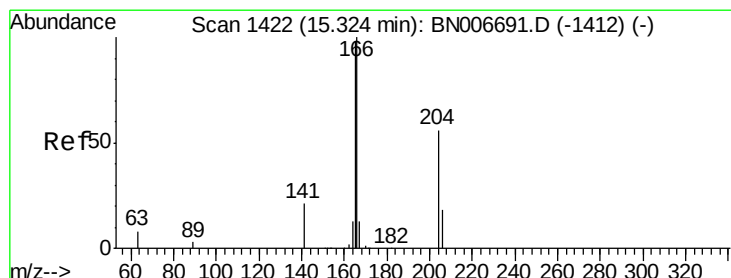
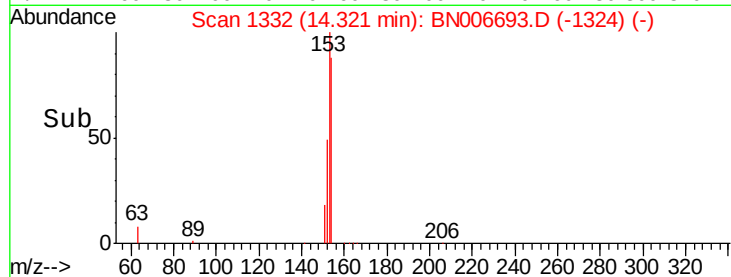
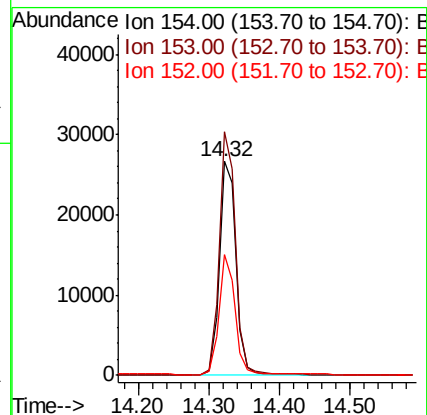
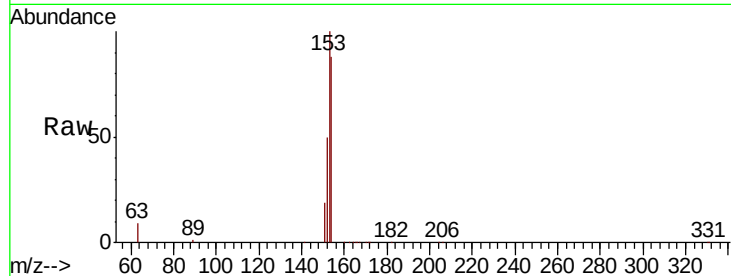
Tot Ion:154 Resp: 44157

Ion Ratio Lower Upper

154 100

153 111.7 88.9 133.3

152 53.5 42.8 64.2



#18

Fluorene

Concen: 1.617 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

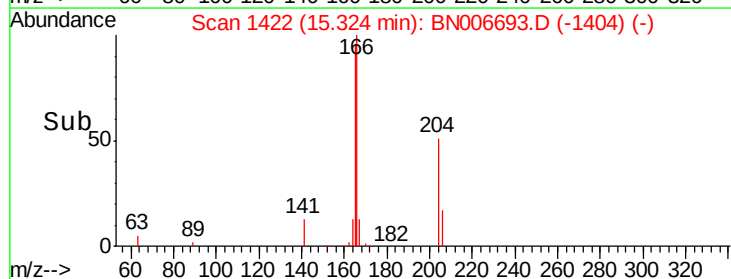
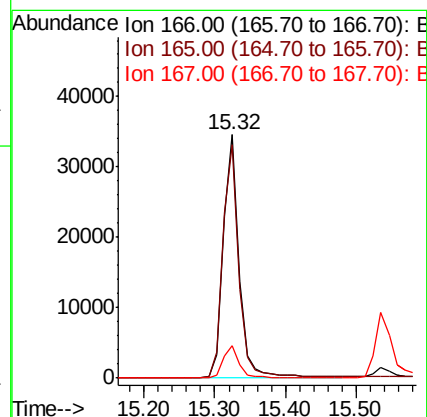
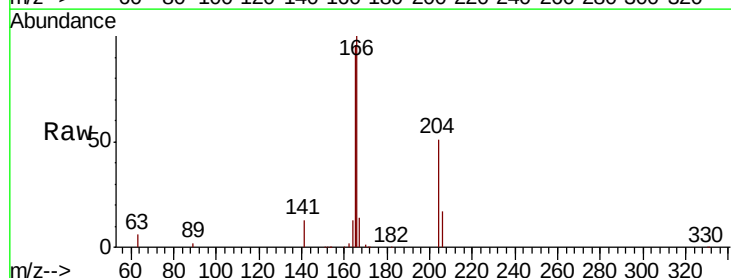
Tgt Ion:166 Resp: 54832

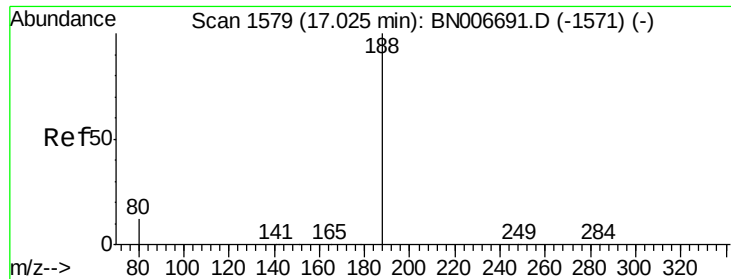
Ion Ratio Lower Upper

166 100

165 97.1 78.0 117.0

167 13.3 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: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampleId :

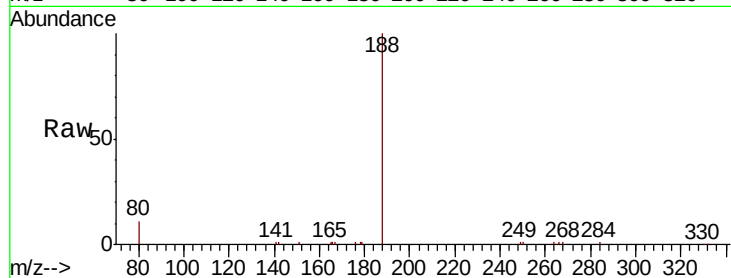
Tot Ion:188 Resp: 18223

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

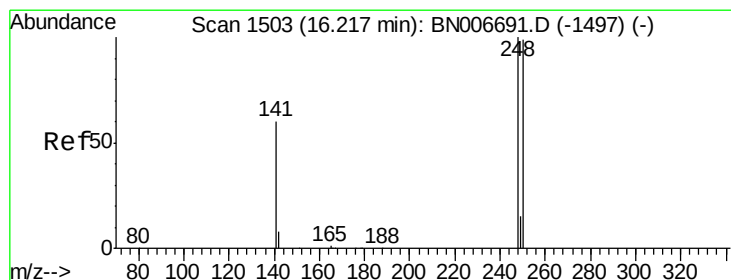
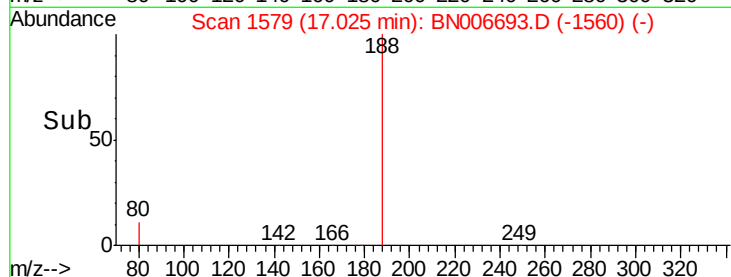
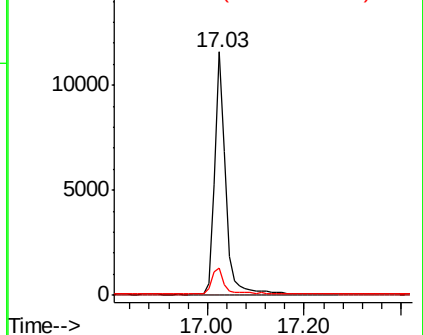
80 11.4 10.3 15.5



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: 1.740 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

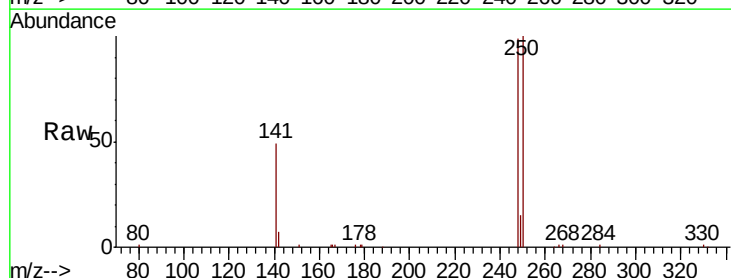
Tgt Ion:248 Resp: 17566

Ion Ratio Lower Upper

248 100

250 100.7 79.0 118.6

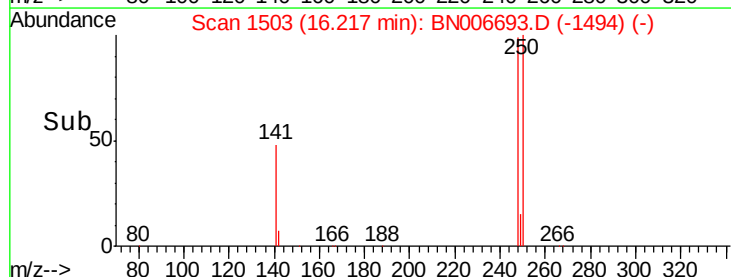
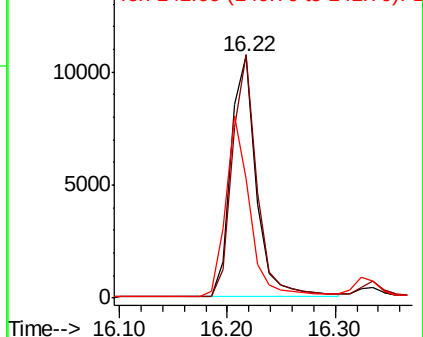
141 49.3 50.2 75.4#

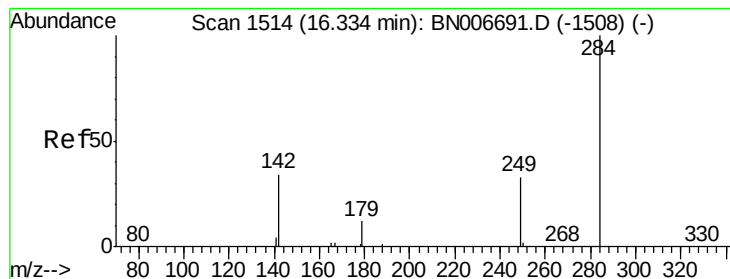


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.627 ng

RT: 16.33 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

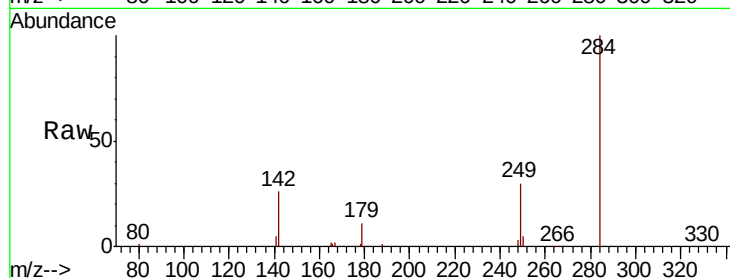
Instrument :

BNA_N

ClientSampled :

Tot Ion:284 Resp: 20765

Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.9	40.3
249	30.8	24.4	36.6

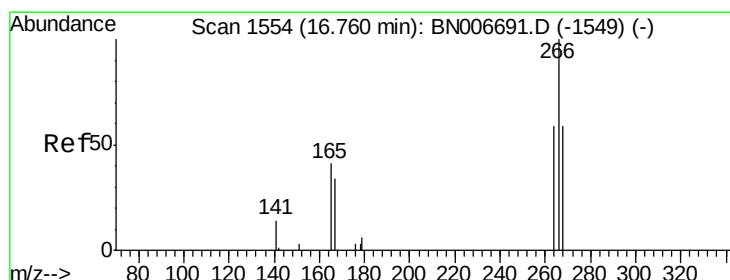
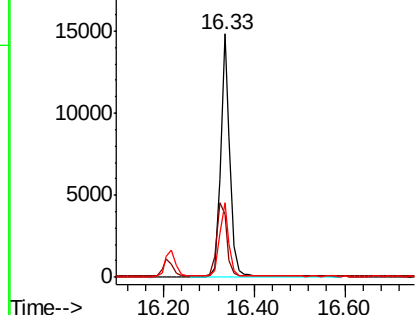
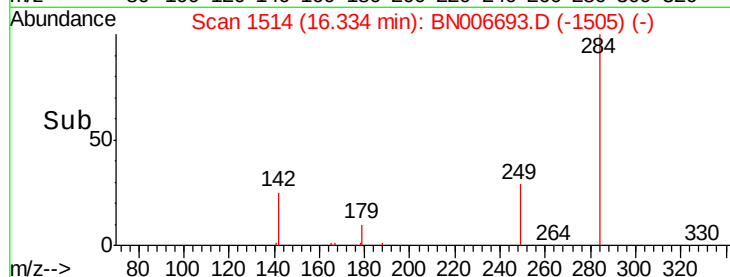


Abundance

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: 1.490 ng

RT: 16.72 min Scan# 1550

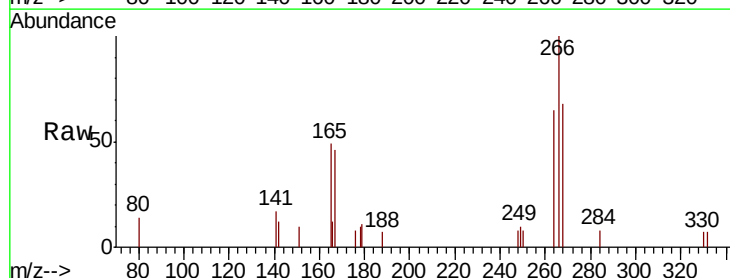
Delta R.T. -0.04 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Tgt Ion:266 Resp: 3031

Ion	Ratio	Lower	Upper
266	100		
264	64.7	57.6	86.4
268	67.9	66.6	99.8

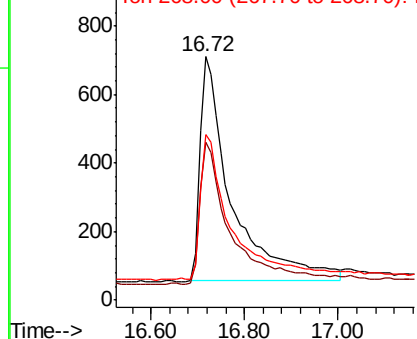
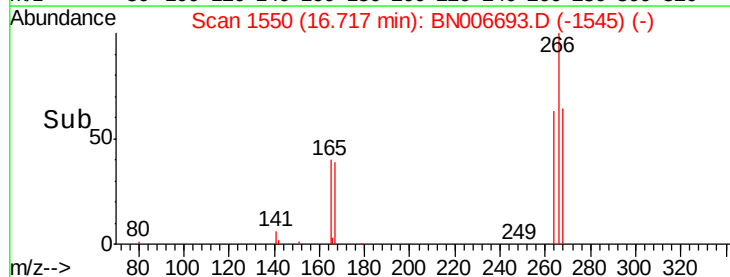


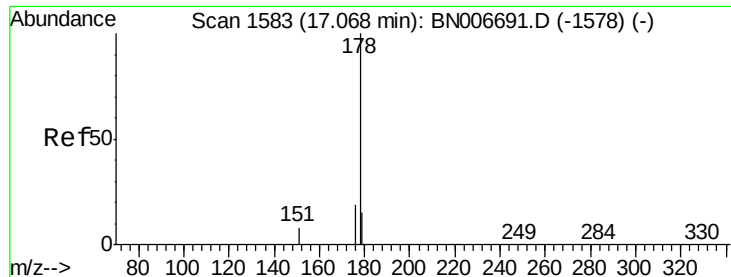
Abundance

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: 1.620 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampleId :

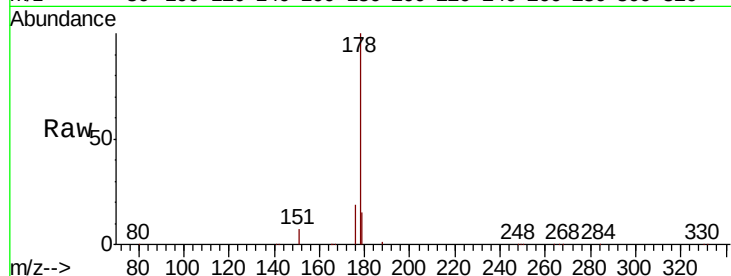
Tot Ion:178 Resp: 83958

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

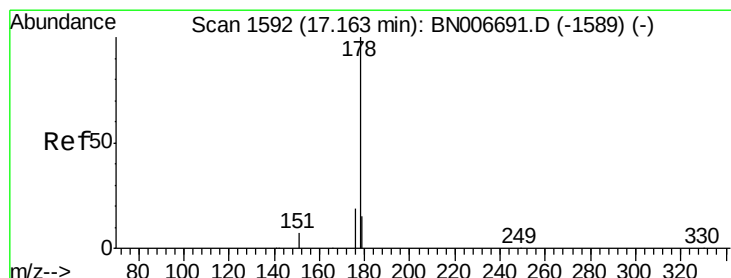
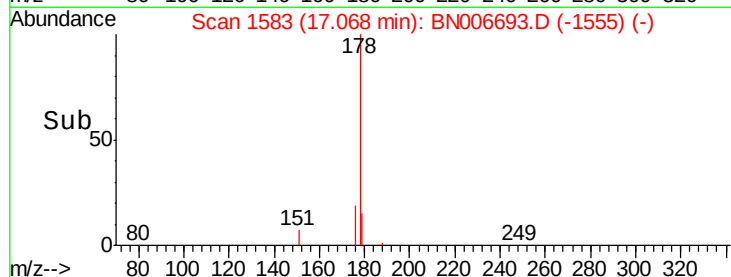
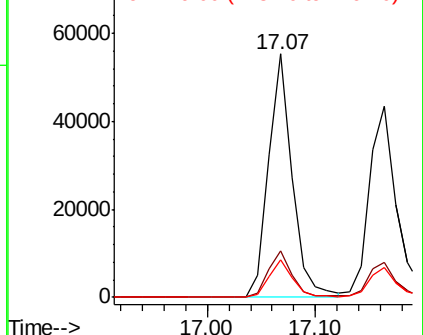
179 15.2 12.4 18.6



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: 1.737 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

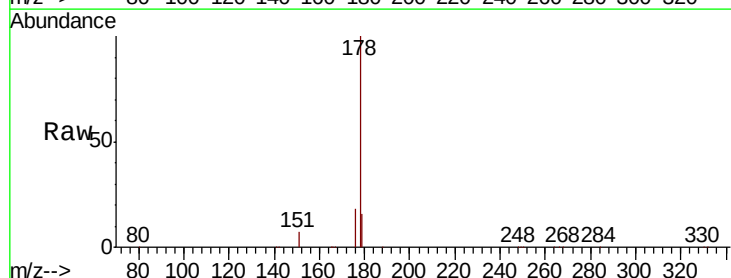
Tgt Ion:178 Resp: 78096

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

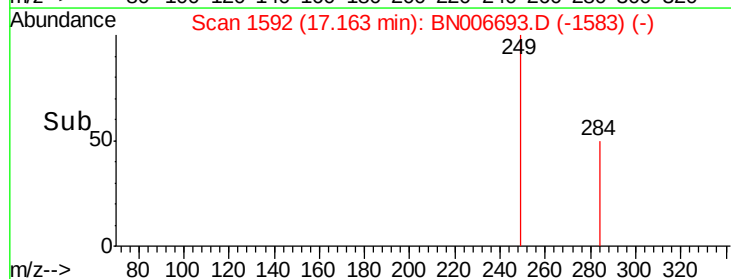
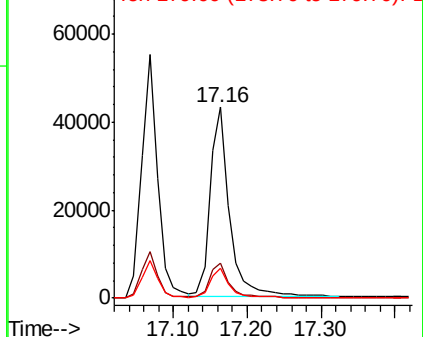
179 15.2 11.9 17.9

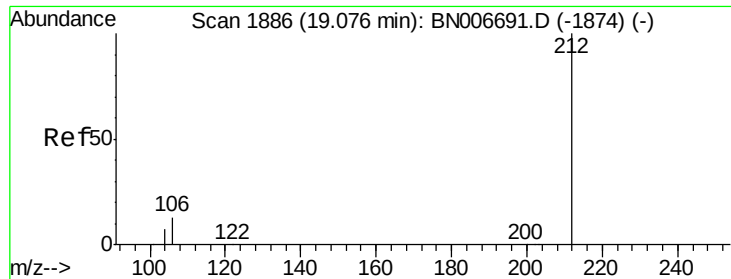


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.564 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampleId :

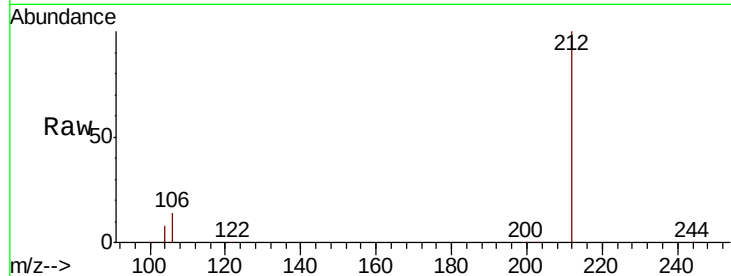
Tot Ion:212 Resp: 83692

Ion Ratio Lower Upper

212 100

106 13.9 11.0 16.6

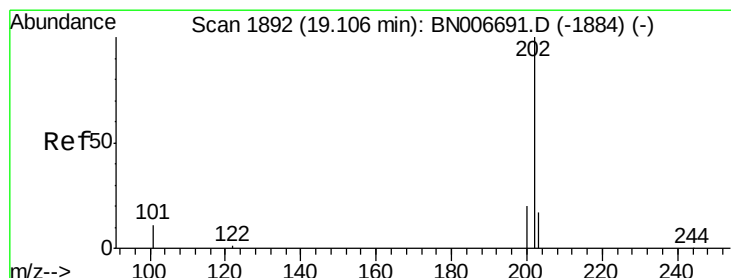
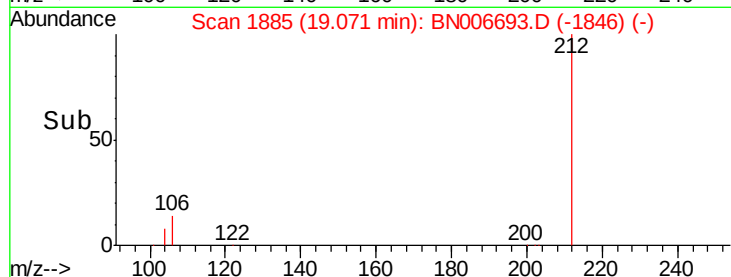
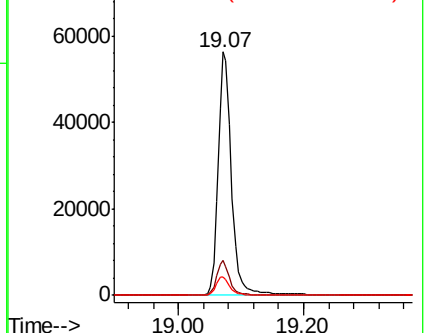
104 7.4 6.1 9.1



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: 1.571 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

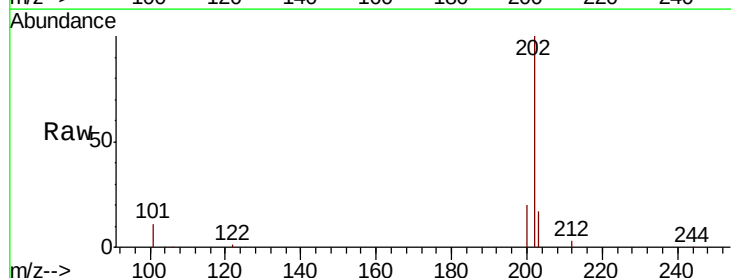
Tgt Ion:202 Resp: 98917

Ion Ratio Lower Upper

202 100

101 11.0 8.7 13.1

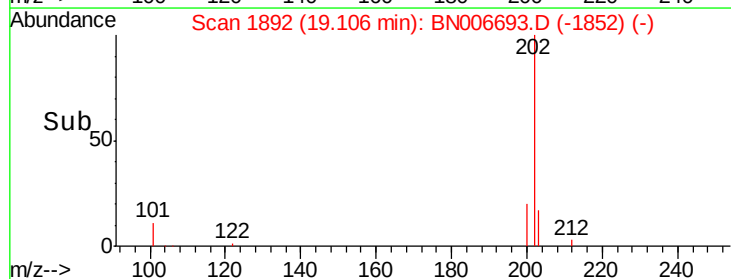
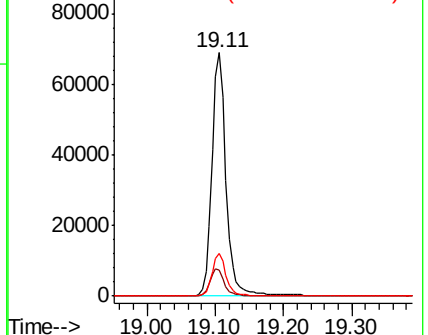
203 17.2 13.8 20.6

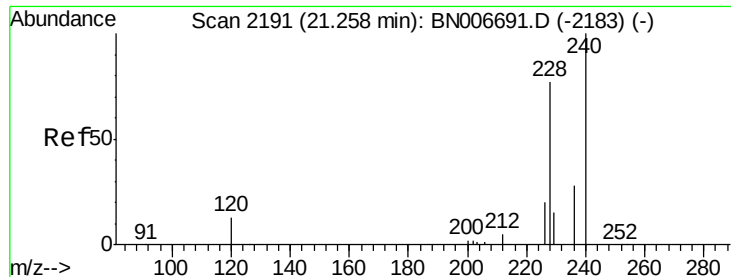


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampleId :

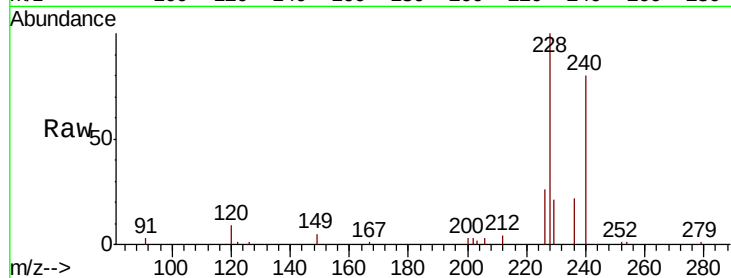
Tot Ion:240 Resp: 16273

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

236 27.6 23.2 34.8

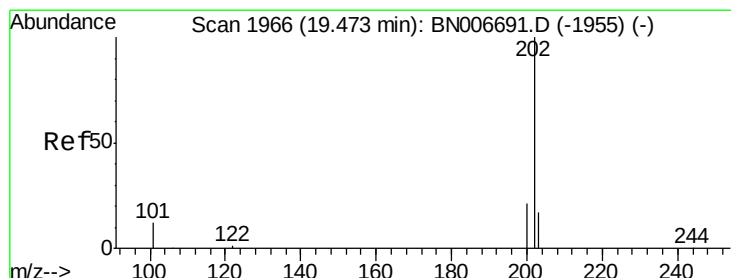
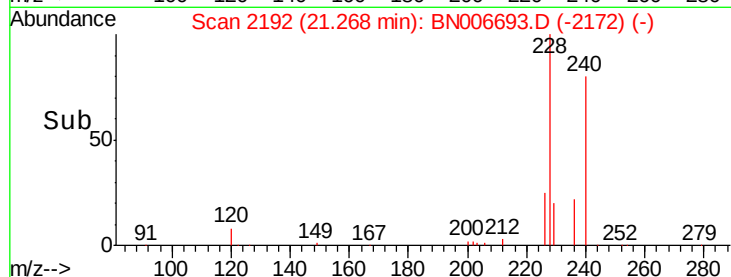
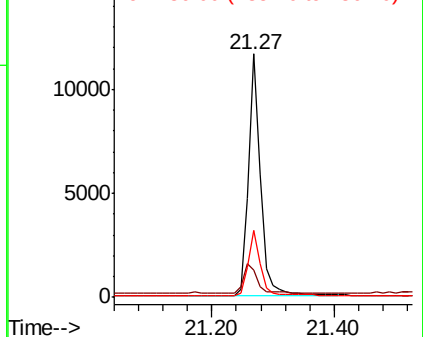


Abundance

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: 1.772 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

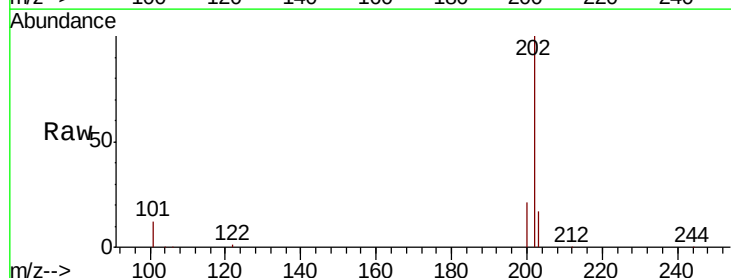
Tgt Ion:202 Resp: 100880

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.5 14.2 21.2

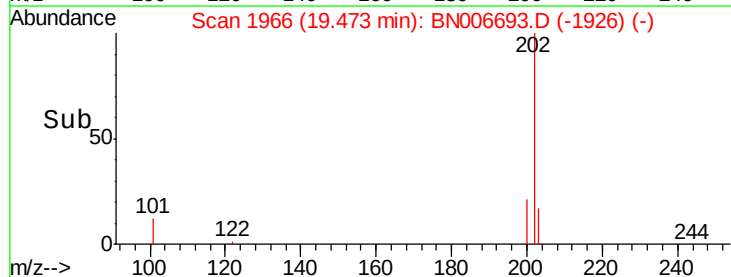
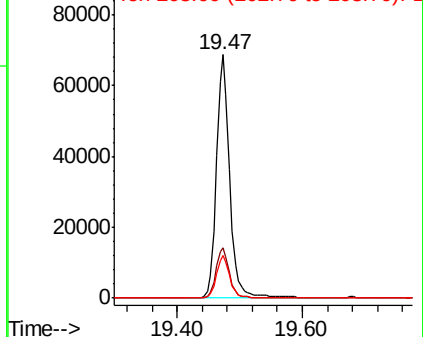


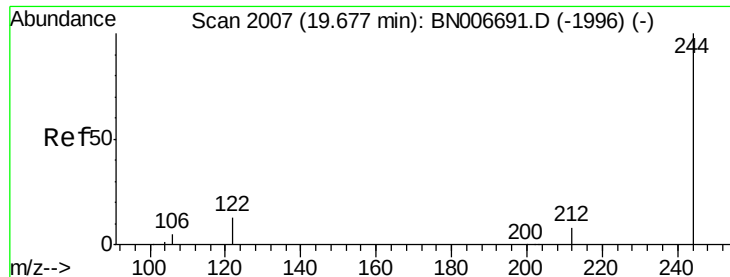
Abundance

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: 1.728 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampled :

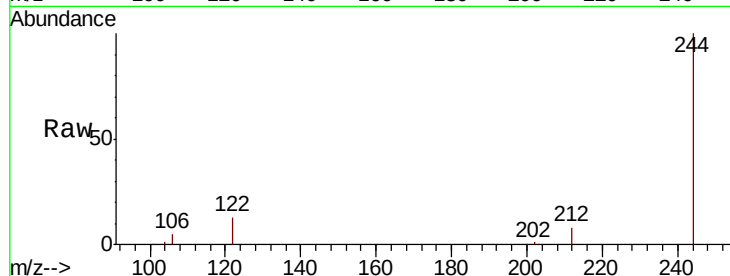
Tot Ion:244 Resp: 58891

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

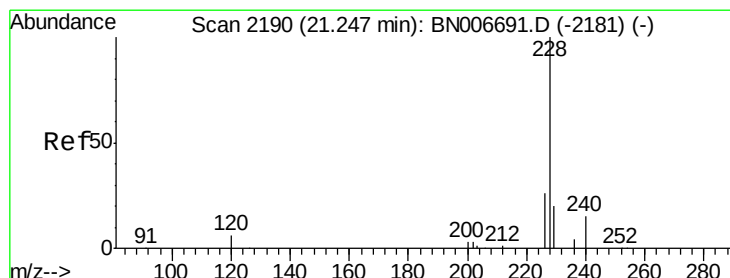
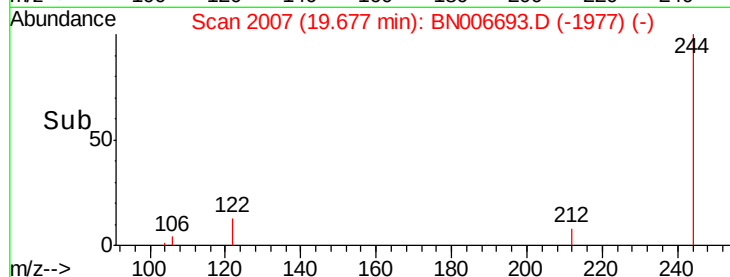
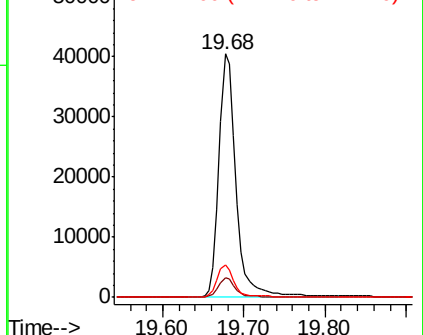
122 13.4 11.5 17.3



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: 1.677 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

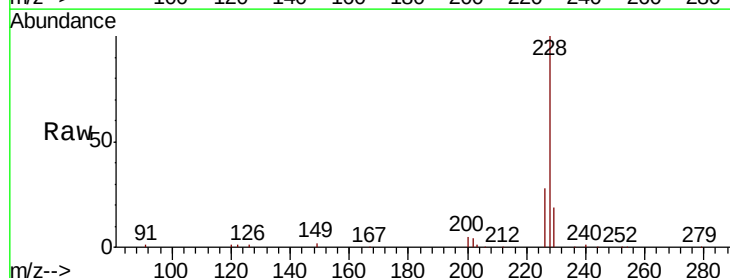
Tgt Ion:228 Resp: 89222

Ion Ratio Lower Upper

228 100

226 28.0 21.5 32.3

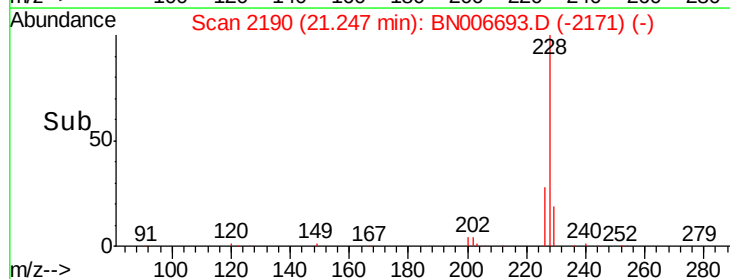
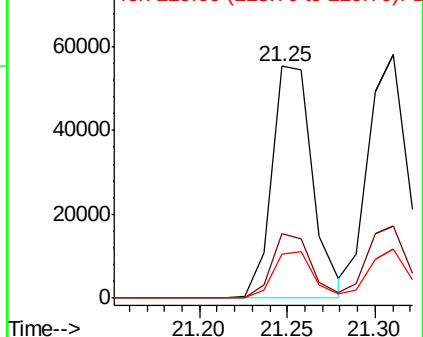
229 18.9 16.2 24.4

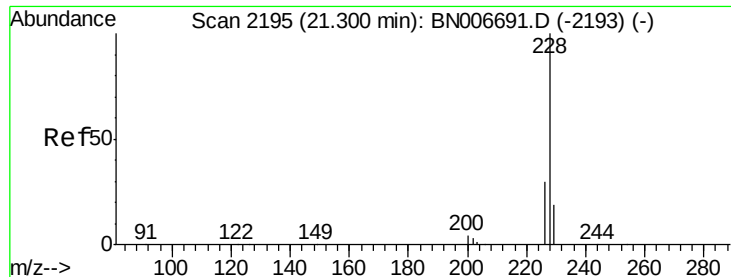


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.636 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

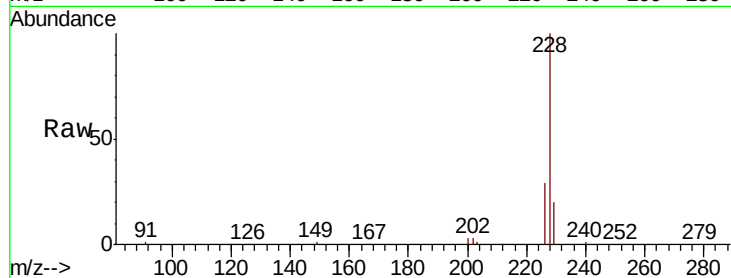
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 93833

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	19.9	15.8	23.6

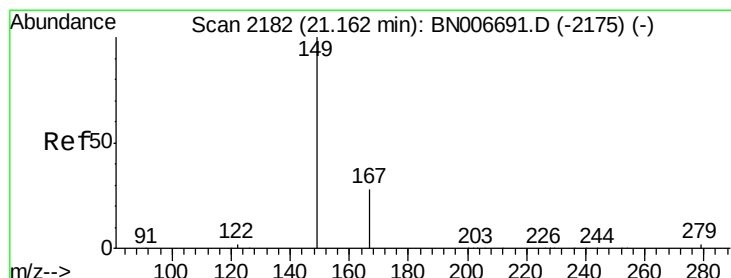
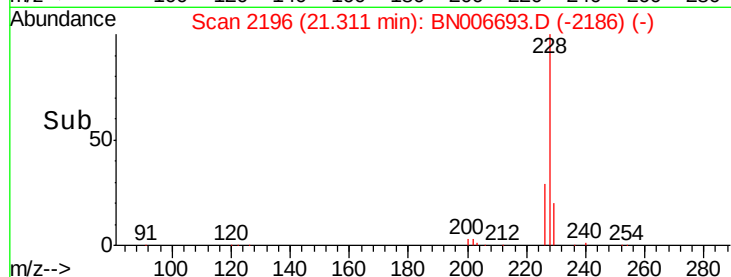
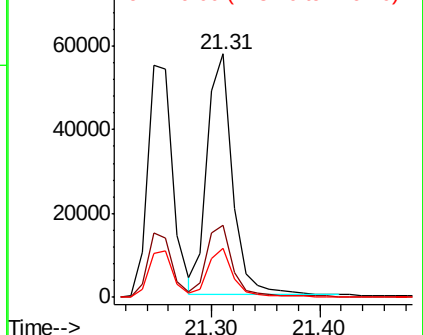


Abundance

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: 2.659 ng

RT: 21.17 min Scan# 2183

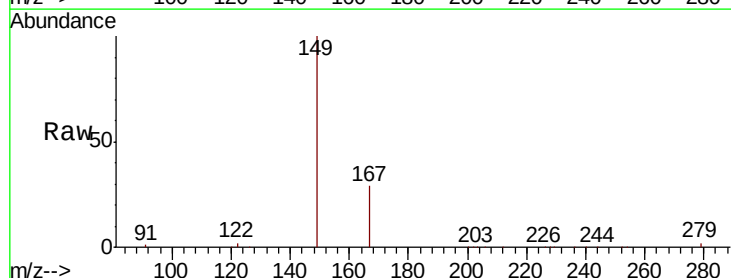
Delta R.T. 0.01 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Tgt Ion:149 Resp: 71190

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.9	34.3
279	4.0	3.2	4.8

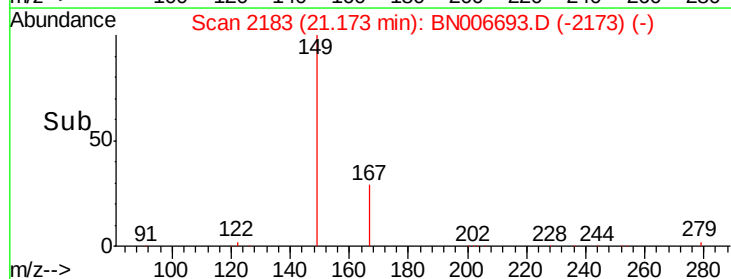
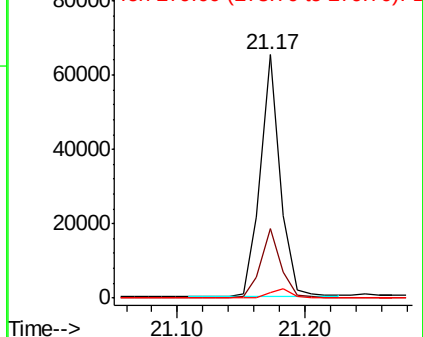


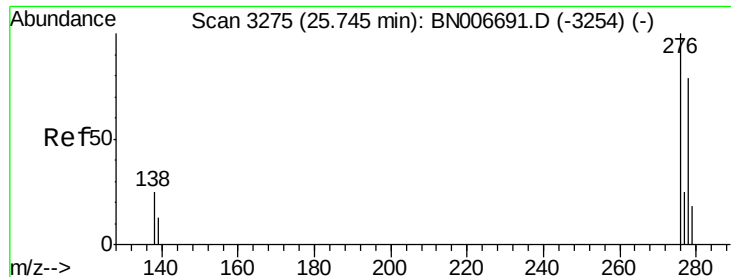
Abundance

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

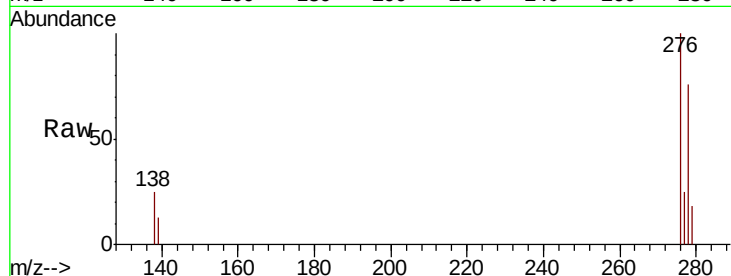




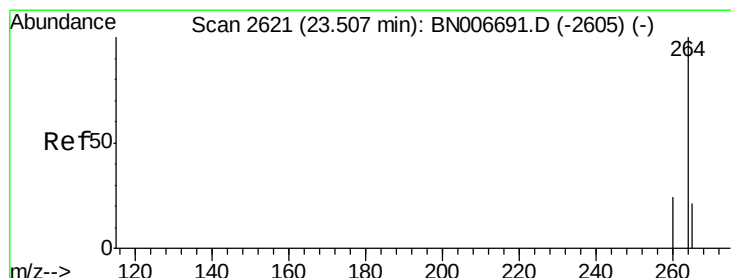
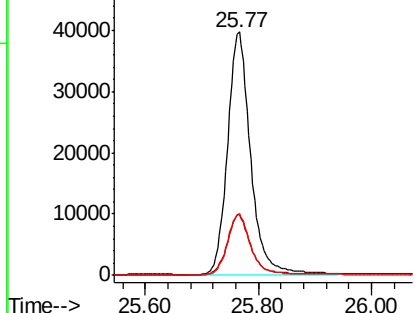
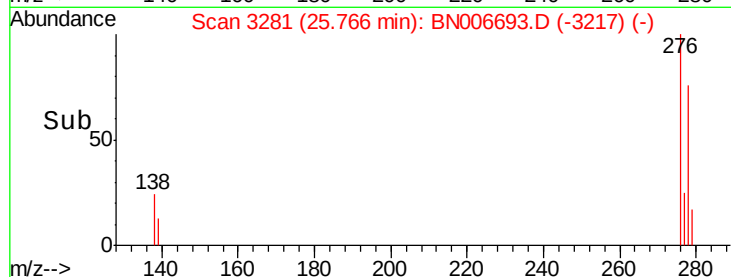
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.944 ng
RT: 25.77 min Scan# 3281
Delta R.T. 0.02 min
Lab File: BN006693.D
Acq: 02 Jul 2019 15:45

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 112829
Ion Ratio Lower Upper
276 100
138 25.0 19.5 29.3
277 25.0 19.7 29.5

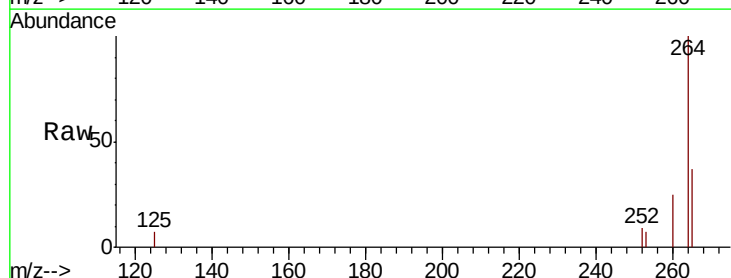


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

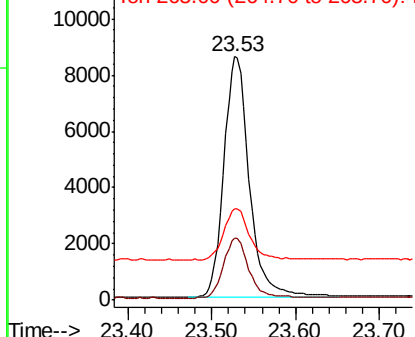
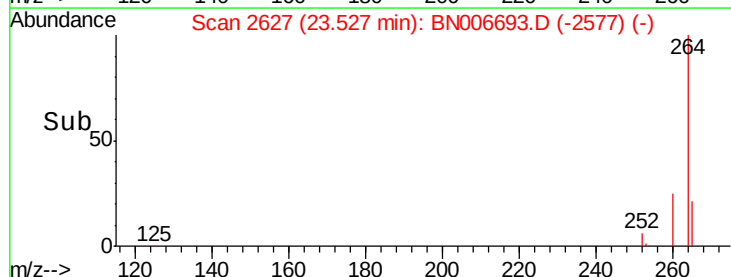


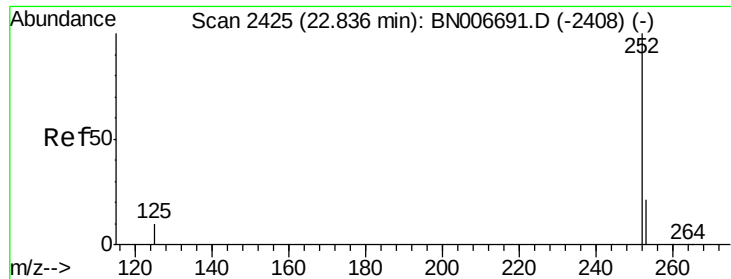
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. 0.02 min
Lab File: BN006693.D
Acq: 02 Jul 2019 15:45

Tgt Ion:264 Resp: 18010
Ion Ratio Lower Upper
264 100
260 25.3 20.2 30.2
265 37.3 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

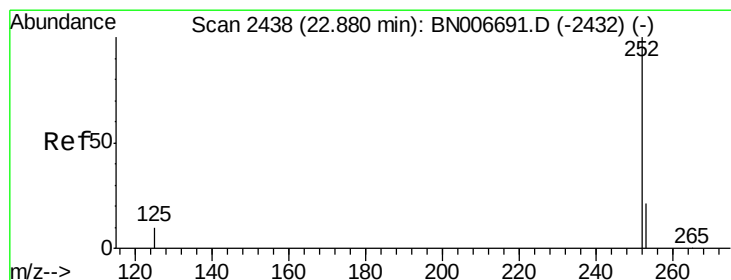
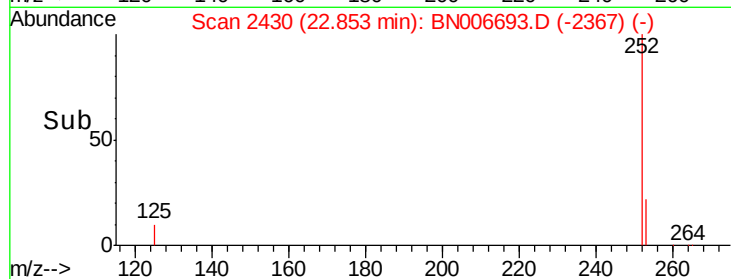
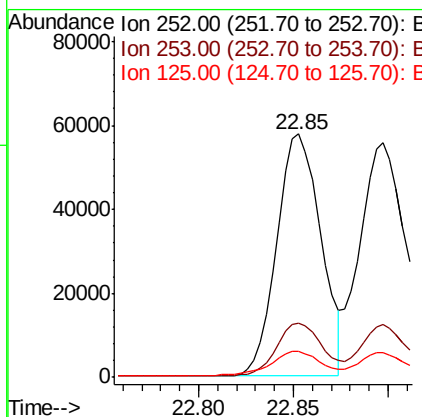
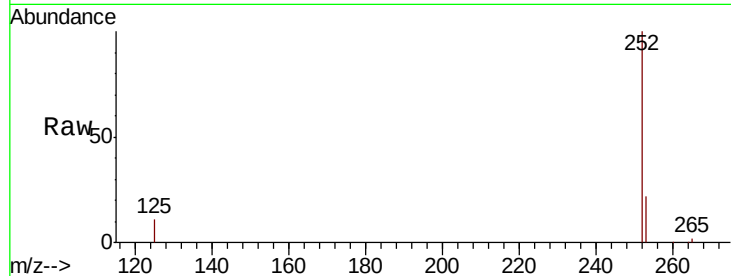




#35
Benzo(b)fluoranthene
Concen: 1.516 ng
RT: 22.85 min Scan# 2430
Delta R.T. 0.02 min
Lab File: BN006693.D
Acq: 02 Jul 2019 15:45

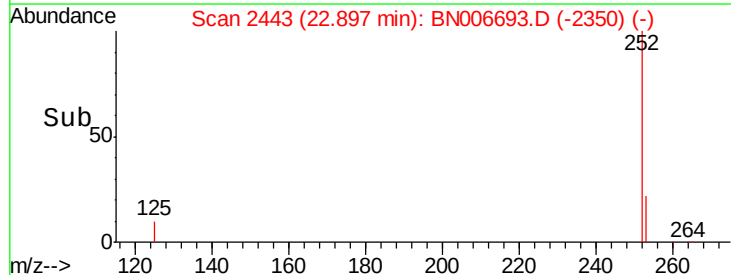
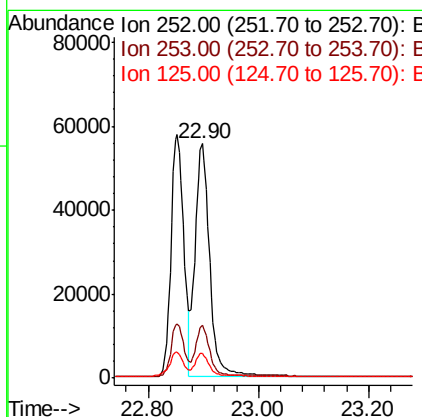
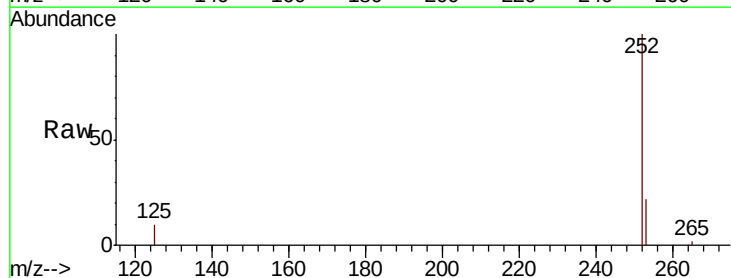
Instrument :
BNA_N
ClientSampleId :

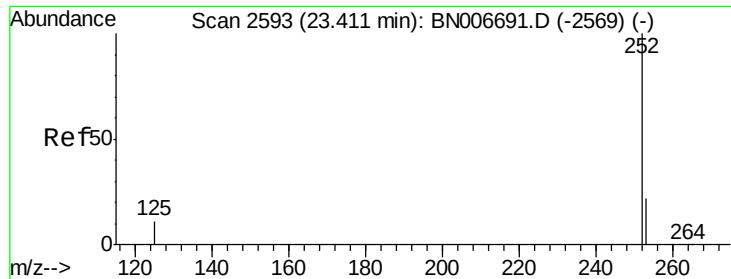
Tot Ion:252 Resp: 92888
Ion Ratio Lower Upper
252 100
253 22.4 20.2 30.2
125 10.6 11.5 17.3#



#36
Benzo(k)fluoranthene
Concen: 1.569 ng
RT: 22.90 min Scan# 2443
Delta R.T. 0.02 min
Lab File: BN006693.D
Acq: 02 Jul 2019 15:45

Tgt Ion:252 Resp: 102480
Ion Ratio Lower Upper
252 100
253 22.3 20.1 30.1
125 10.4 11.4 17.0#





#37

Benzo(a)pyrene

Concen: 1.596 ng

RT: 23.43 min Scan# 2598

Delta R.T. 0.02 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampleId :

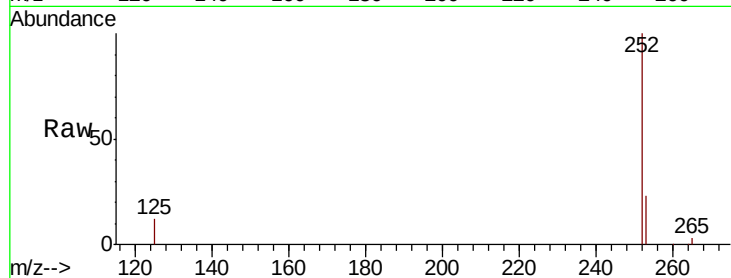
Tot Ion:252 Resp: 91380

Ion Ratio Lower Upper

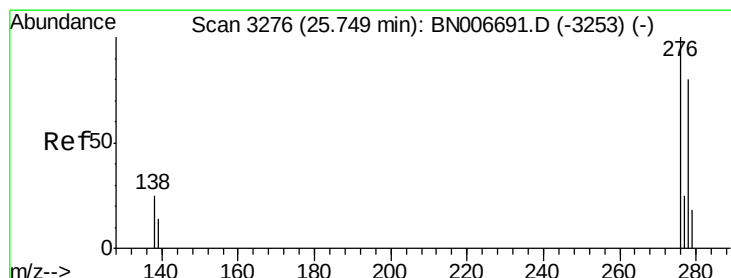
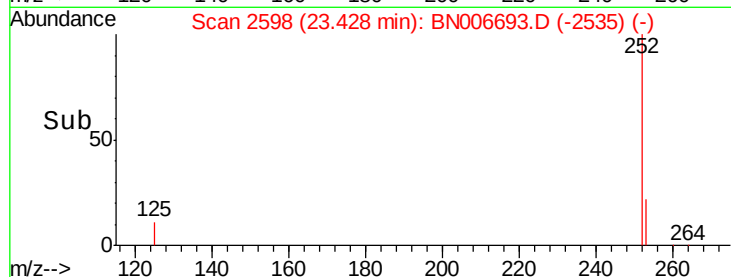
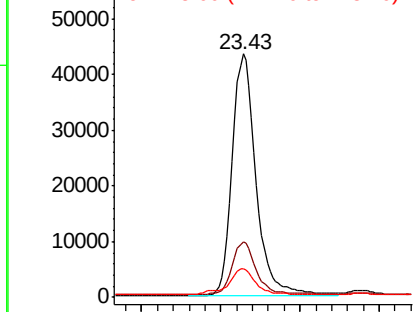
252 100

253 22.7 21.4 32.2

125 11.9 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: 1.817 ng

RT: 25.77 min Scan# 3281

Delta R.T. 0.02 min

Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

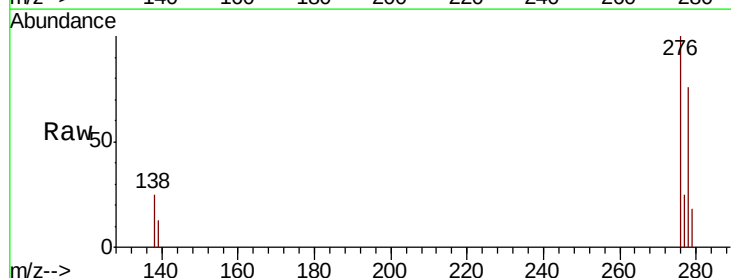
Tgt Ion:278 Resp: 90919

Ion Ratio Lower Upper

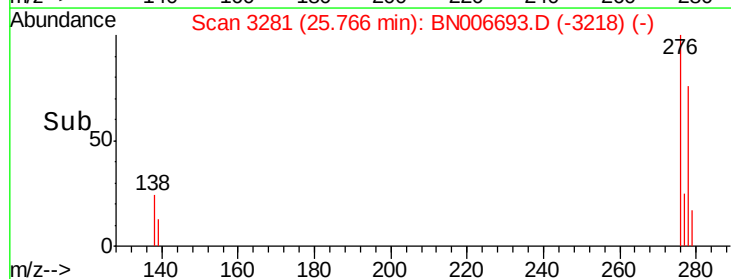
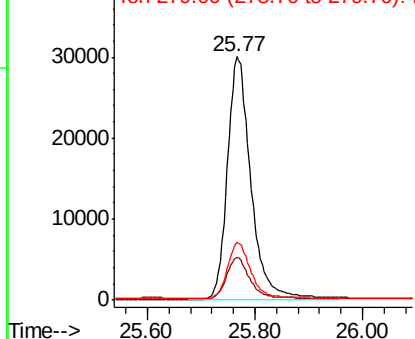
278 100

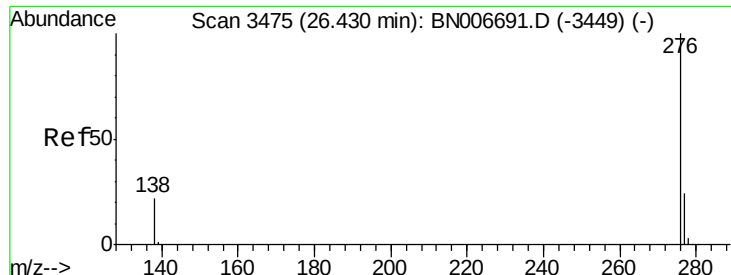
139 17.5 16.2 24.4

279 23.7 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: 1.861 ng

RT: 26.45 min Scan# 3482

Delta R.T. 0.02 min

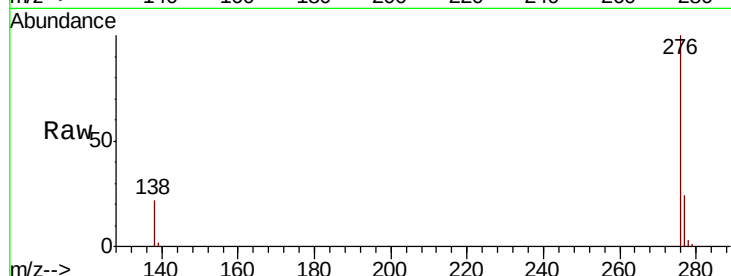
Lab File: BN006693.D

Acq: 02 Jul 2019 15:45

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 92972

Ion Ratio Lower Upper

276 100

277 24.0 20.6 30.8

138 22.0 19.7 29.5

