

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006727.D
 Acq On : 05 Jul 2019 21:44
 Operator : HP/JU
 Sample : K3561-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-012-B226-062419

Quant Time: Jul 05 22:53:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2923	0.40	ng	-0.03
7) Naphthalene-d8	10.36	136	11068	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	6617	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	15346	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	15429	0.40	ng	-0.03
34) Perylene-d12	23.45	264	17789	0.40	ng	-0.06

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	3039	0.38	ng	-0.02
5) Phenol-d6	6.80	99	4054	0.40	ng	-0.03
8) Nitrobenzene-d5	8.78	82	2829	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	5873	0.35	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1186	0.36	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	7783	0.30	ng	-0.02
25) Fluoranthene-d10	19.05	212	11929	0.27	ng	-0.02
29) Terphenyl-d14	19.65	244	8261	0.23	ng	-0.02

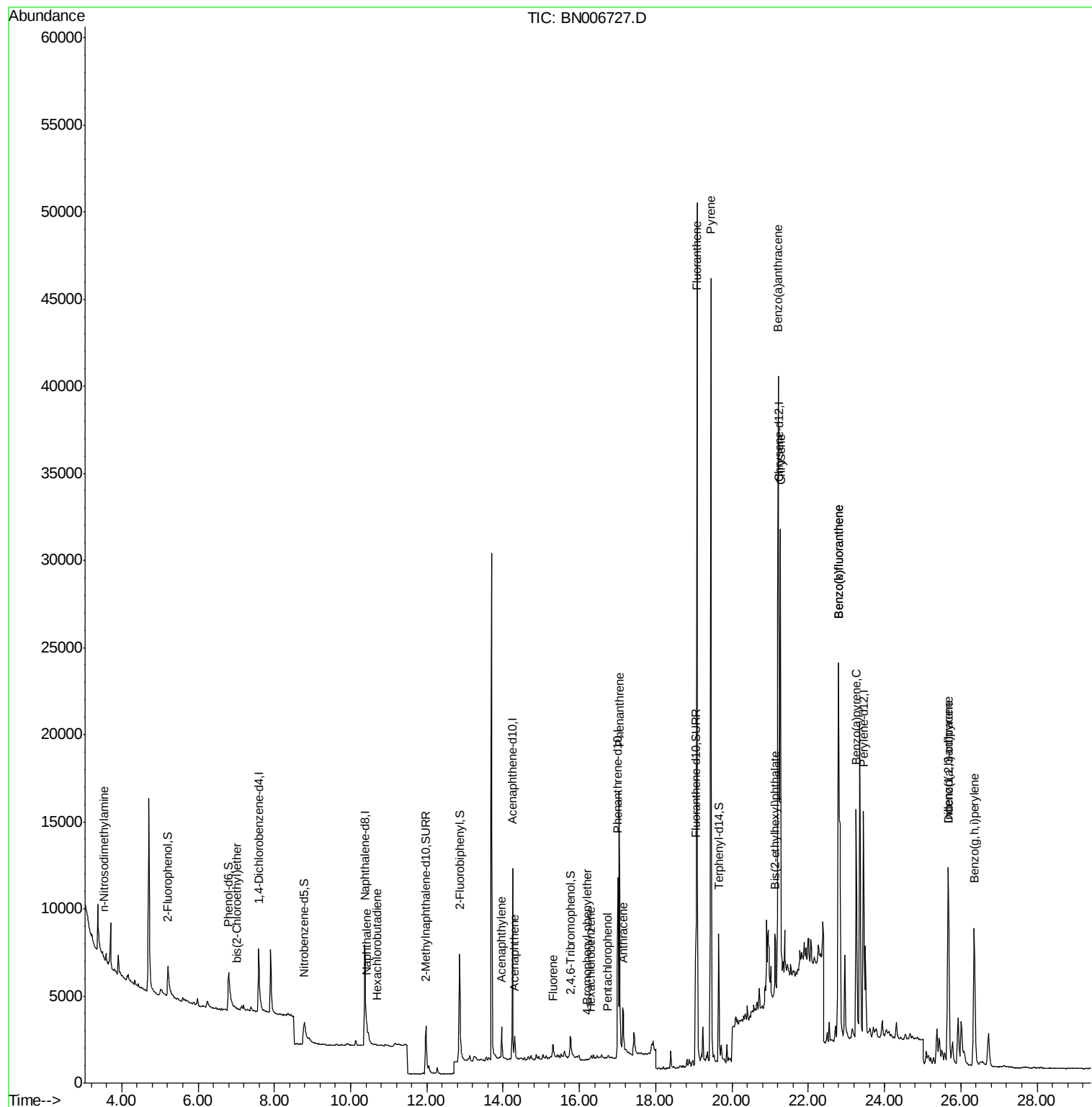
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.53	42	16	0.005	ng	# 1
6) bis(2-Chloroethyl)ether	7.02	93	33	0.004	ng	# 10
9) Naphthalene	10.41	128	1484	0.049	ng	# 77
10) Hexachlorobutadiene	10.69	225	5	0.001	ng	# 18
12) 2-Methylnaphthalene	12.05	142	346	Below Cal		# 74
16) Acenaphthylene	13.96	152	2518	0.076	ng	99
17) Acenaphthene	14.30	154	727	0.035	ng	97
18) Fluorene	15.31	166	697	0.027	ng	# 91
20) 4-Bromophenyl-phenylether	16.20	248	3	0.000	ng	# 31
21) Hexachlorobenzene	16.30	284	5	0.000	ng	# 43
22) Pentachlorophenol	16.74	266	7	0.115	ng	# 78
23) Phenanthrene	17.05	178	17401	0.393	ng	100
24) Anthracene	17.14	178	4089	0.102	ng	97
26) Fluoranthene	19.08	202	45695	0.880	ng	100
28) Pyrene	19.44	202	42565	0.689	ng	97
30) Benzo(a)anthracene	21.22	228	28664	0.539	ng	96
31) Chrysene	21.27	228	25648	0.468	ng	97
32) Bis(2-ethylhexyl)phthalate	21.13	149	3297	0.021	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.67	276	17976	0.274	ng	94
35) Benzo(b)fluoranthene	22.79	252	36207	0.634	ng	98
36) Benzo(k)fluoranthene	22.79	252	36207	0.585	ng	99
37) Benzo(a)pyrene	23.26	252	17393	0.314	ng	99
38) Dibenzo(a,h)anthracene	25.68	278	4777	0.087	ng	# 77
39) Benzo(g,h,i)perylene	26.35	276	16580	0.293	ng	98

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

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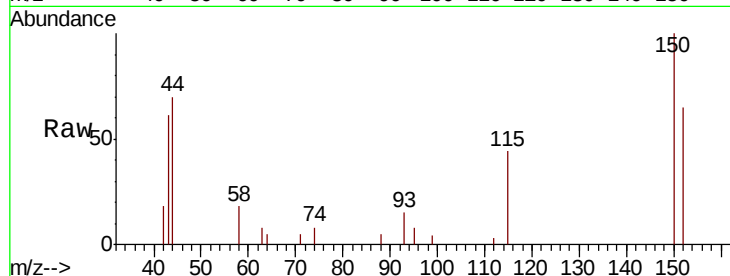


#1

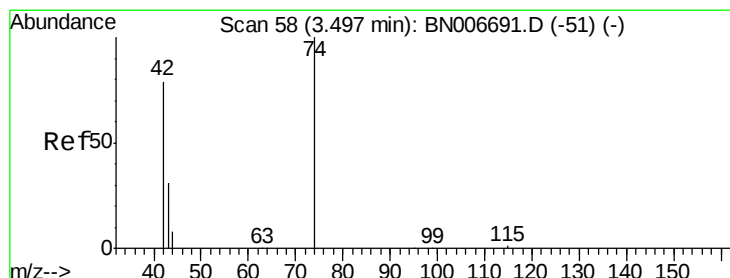
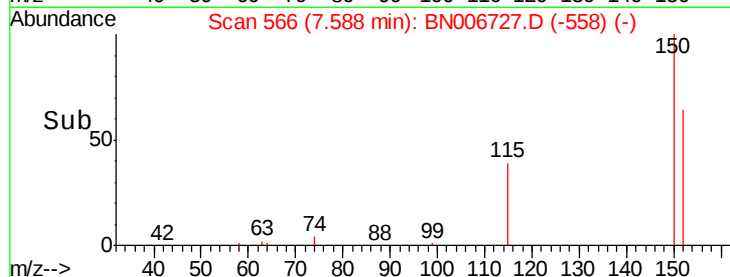
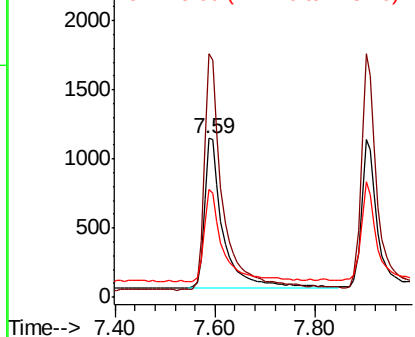
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.59 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BN006727.D
 Acq: 05 Jul 2019 21:44

Instrument :
 BNA_N
 ClientSampleId :
 PST-012-B226-062419

Tgt Ion: 152 Resp: 2923
 Ion Ratio Lower Upper
 152 100
 150 153.2 120.6 181.0
 115 67.8 51.0 76.6



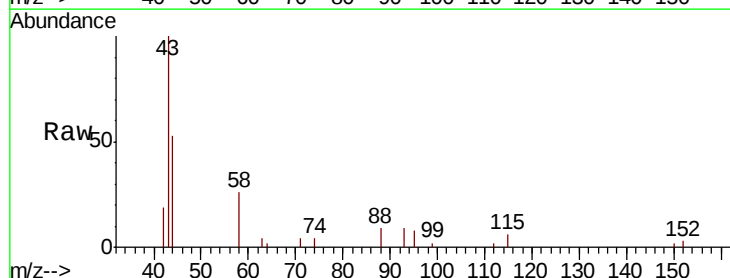
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



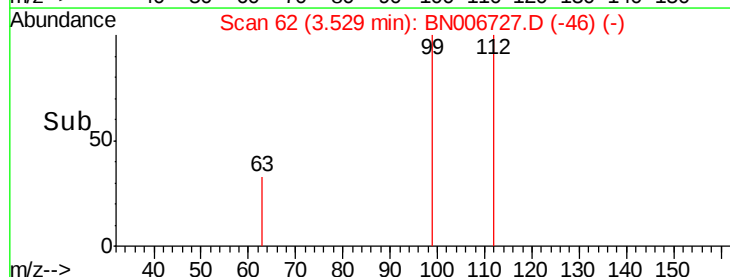
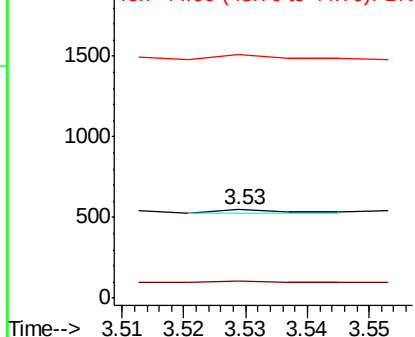
#3

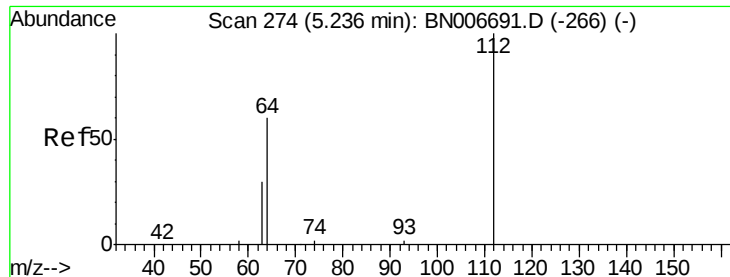
n-Nitrosodimethylamine
 Concen: 0.005 ng
 RT: 3.53 min Scan# 62
 Delta R.T. 0.03 min
 Lab File: BN006727.D
 Acq: 05 Jul 2019 21:44

Tgt Ion: 42 Resp: 16
 Ion Ratio Lower Upper
 42 100
 74 25.0 106.6 160.0#
 44 162.5 8.0 12.0#



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





#4

2-Fluorophenol

Concen: 0.383 ng

RT: 5.21 min Scan# 271

Delta R.T. -0.02 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

PST-012-B226-062419

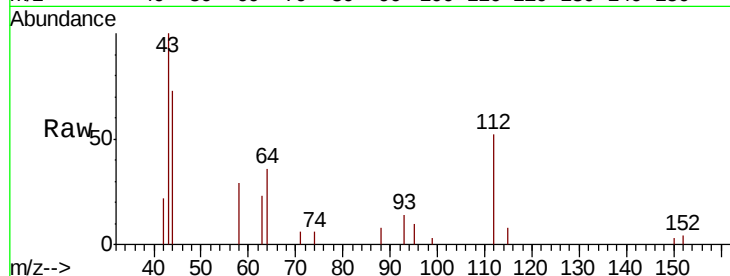
Tgt Ion: 112 Resp: 3039

Ion Ratio Lower Upper

112 100

64 65.2 49.8 74.6

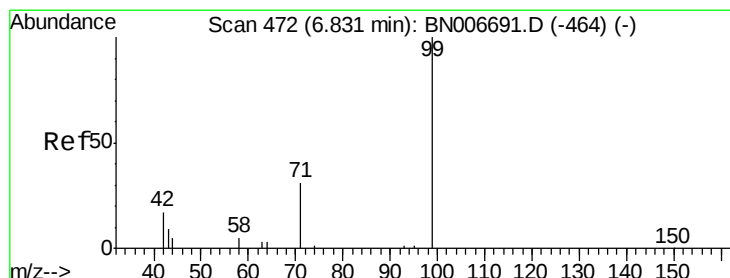
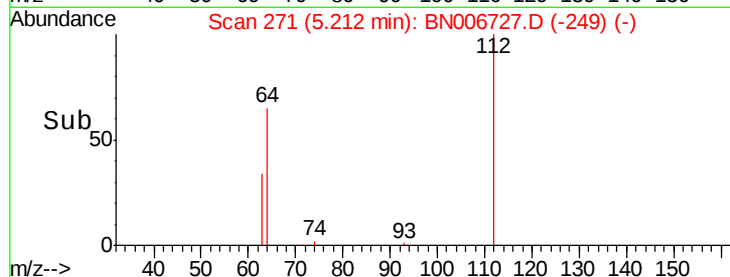
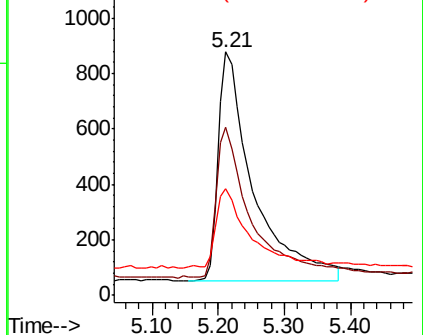
63 34.4 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.403 ng

RT: 6.80 min Scan# 468

Delta R.T. -0.03 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

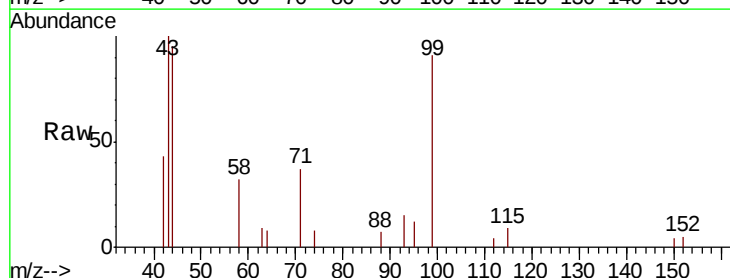
Tgt Ion: 99 Resp: 4054

Ion Ratio Lower Upper

99 100

42 29.2 16.6 25.0#

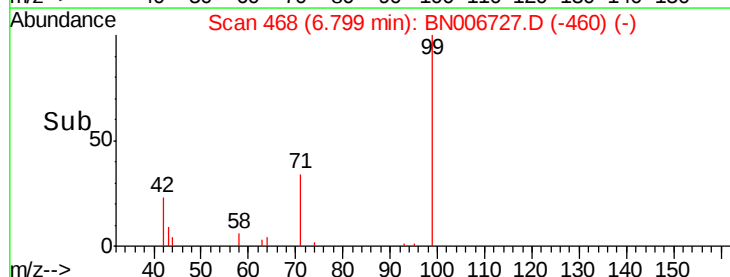
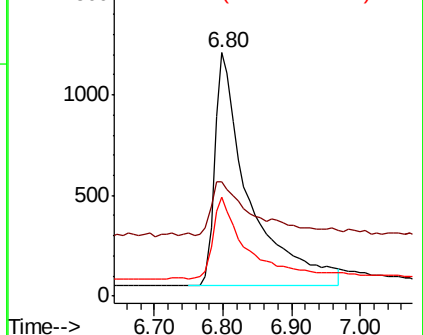
71 34.3 26.0 39.0

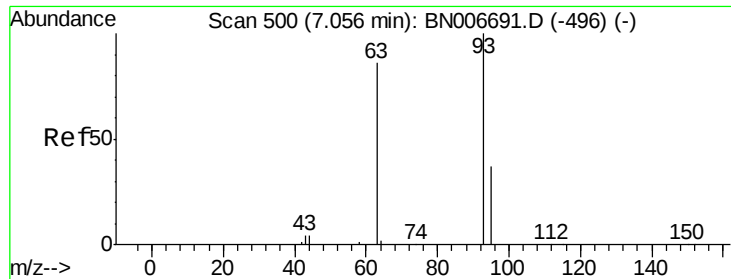


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

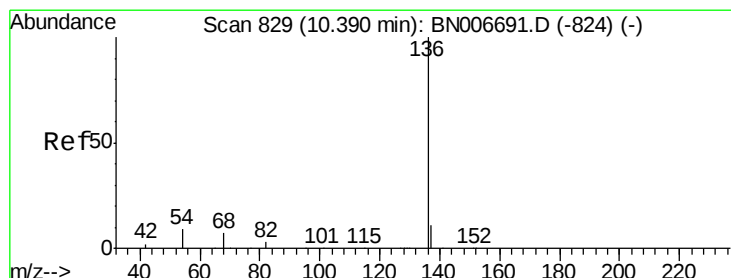
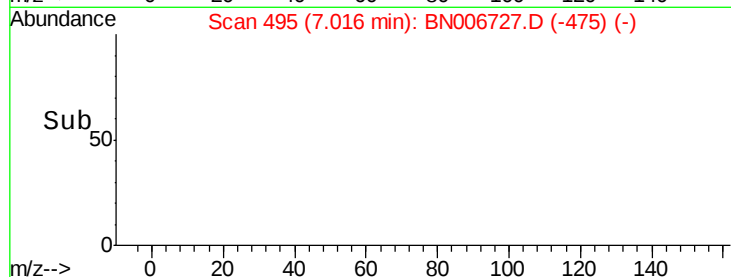
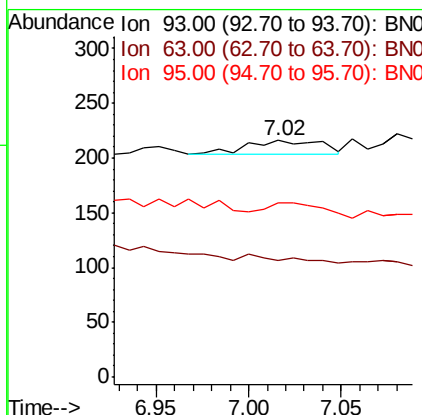
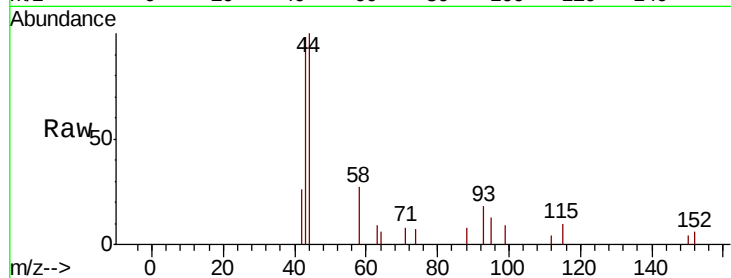




#6
 bis(2-Chloroethyl)ether
 Concen: 0.004 ng
 RT: 7.02 min Scan# 495
 Delta R.T. -0.04 min
 Lab File: BN006727.D
 Acq: 05 Jul 2019 21:44

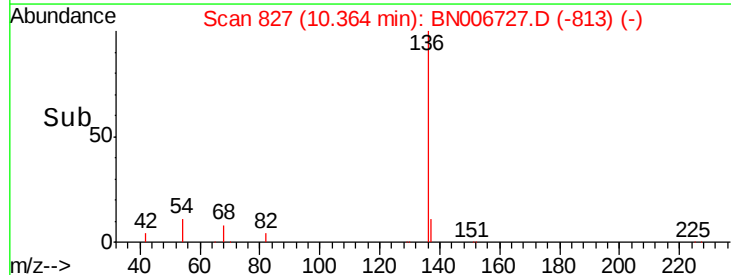
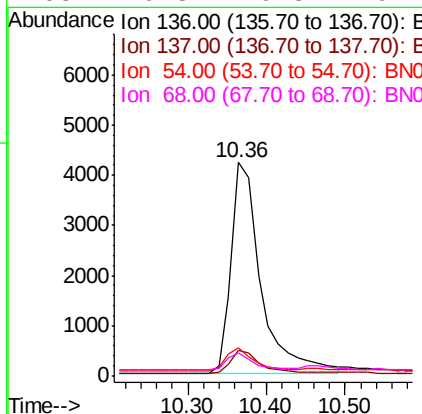
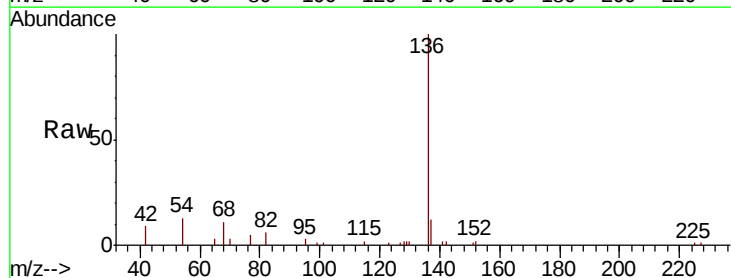
Instrument :
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 PST-012-B226-062419

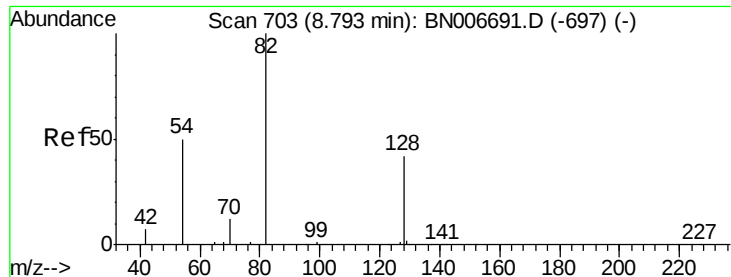
Tgt Ion:	93	Resp:	33
Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.6	87.8#
95	90.9	28.3	42.5#



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.36 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BN006727.D
 Acq: 05 Jul 2019 21:44

Tgt Ion:	136	Resp:	11068
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	13.1	8.4	12.6#
68	10.8	6.8	10.2#





#8

Nitrobenzene-d5

Concen: 0.333 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

PST-012-B226-062419

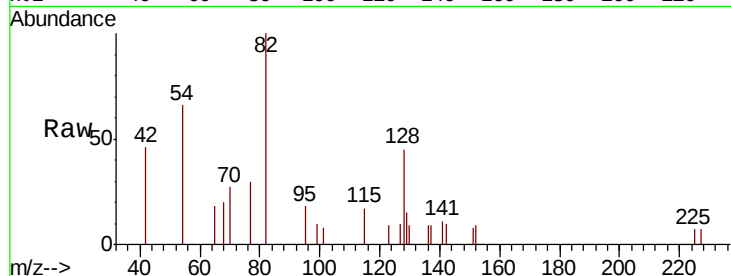
Tgt Ion: 82 Resp: 2829

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

54 65.6 44.5 66.7

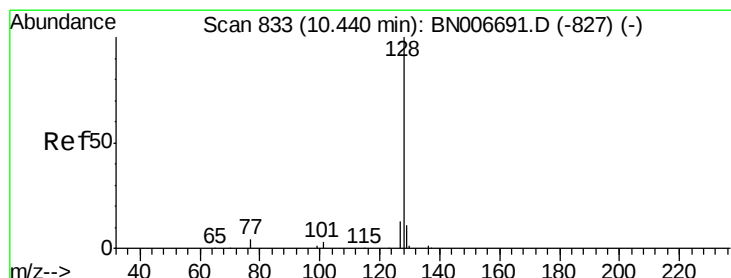
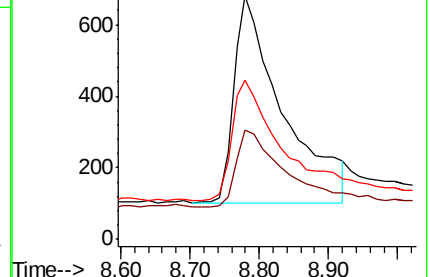
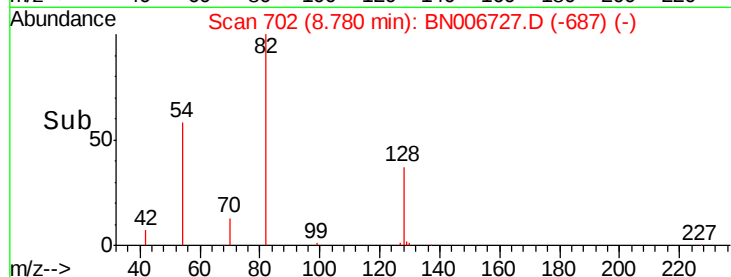


Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

Ion 128.00 (127.70 to 128.70): BN006691.D (-697) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-697) (-)

Time--> 8.60 8.70 8.80 8.90



#9

Naphthalene

Concen: 0.049 ng

RT: 10.41 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

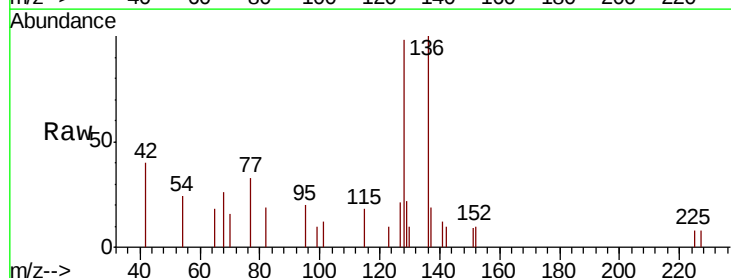
Tgt Ion: 128 Resp: 1484

Ion Ratio Lower Upper

128 100

129 22.9 9.6 14.4#

127 21.1 11.0 16.4#

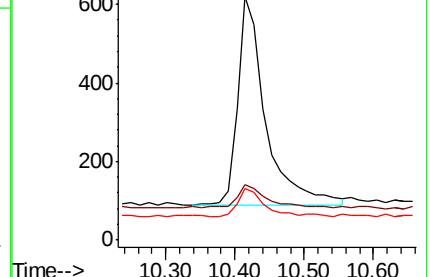
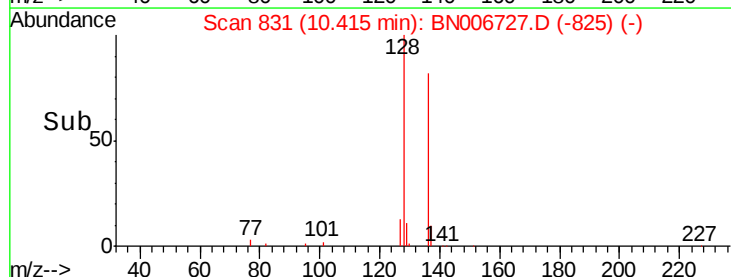


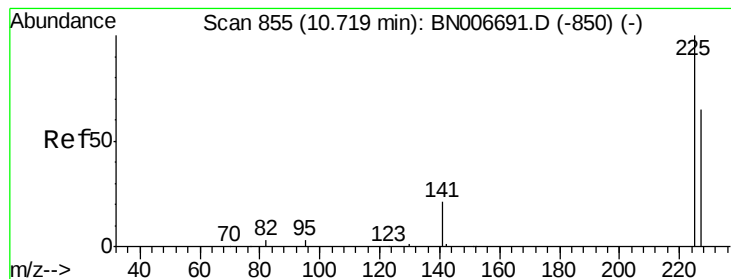
Abundance Ion 128.00 (127.70 to 128.70): BN006691.D (-827) (-)

Ion 129.00 (128.70 to 129.70): BN006691.D (-827) (-)

Ion 127.00 (126.70 to 127.70): BN006691.D (-827) (-)

Time--> 10.30 10.40 10.50 10.60





#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

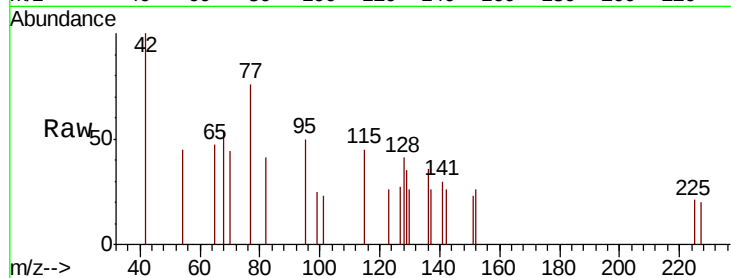
Instrument :

BNA_N

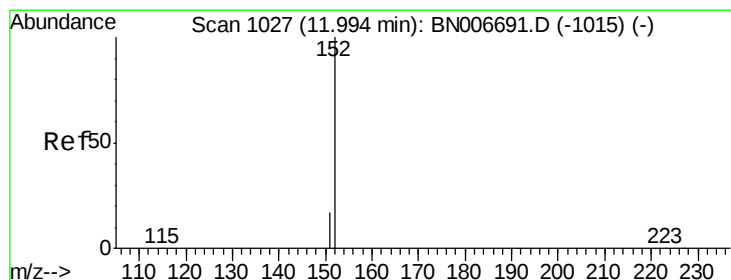
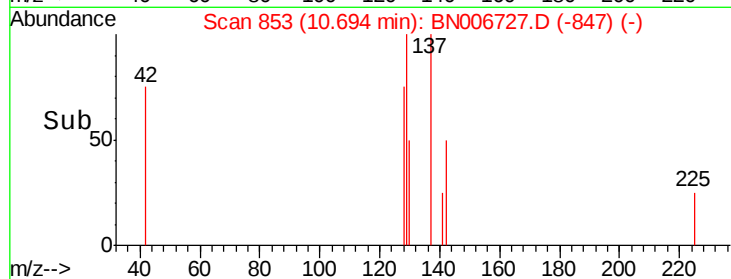
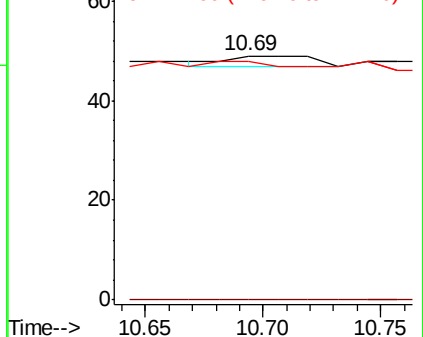
ClientSampleId :

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Tgt Ion:	225	Resp:	5
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	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: 0.353 ng

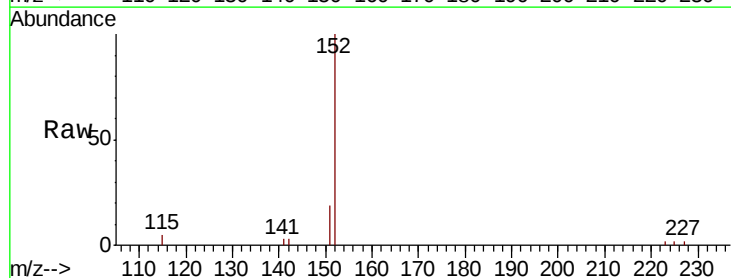
RT: 11.97 min Scan# 1022

Delta R.T. -0.02 min

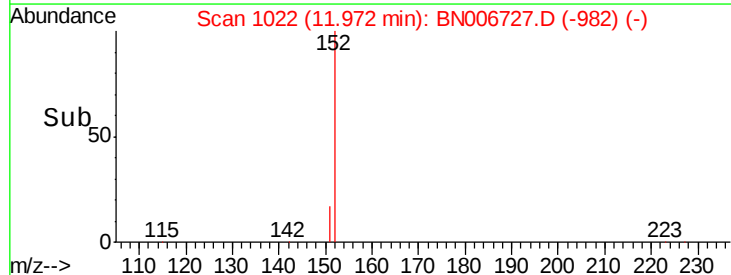
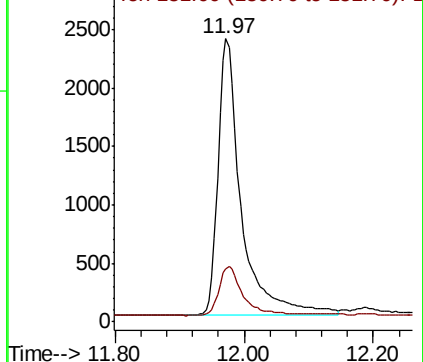
Lab File: BN006727.D

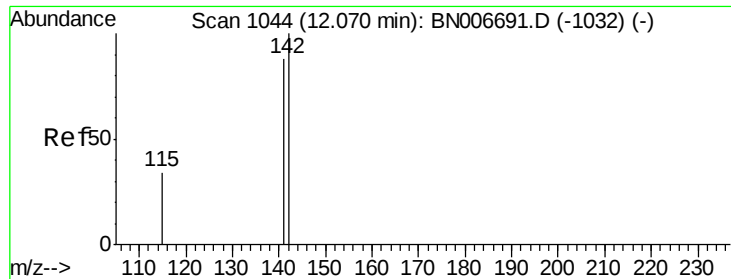
Acq: 05 Jul 2019 21:44

Tgt Ion:	152	Resp:	5873
Ion	Ratio	Lower	Upper
152	100		
151	19.4	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: Below Cal

RT: 12.05 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

PST-012-B226-062419

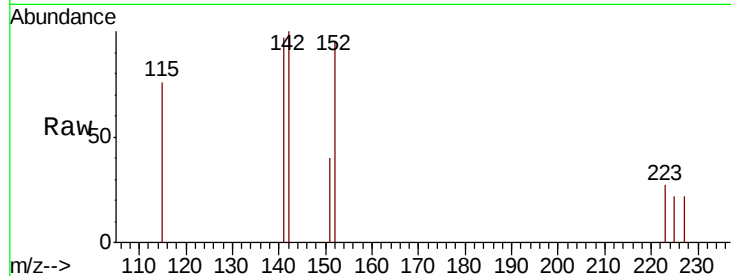
Tgt Ion:142 Resp: 346

Ion Ratio Lower Upper

142 100

141 96.7 70.3 105.5

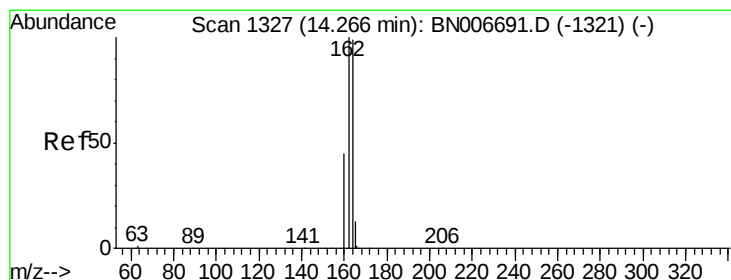
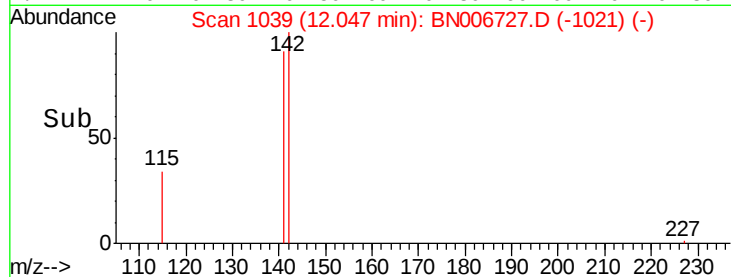
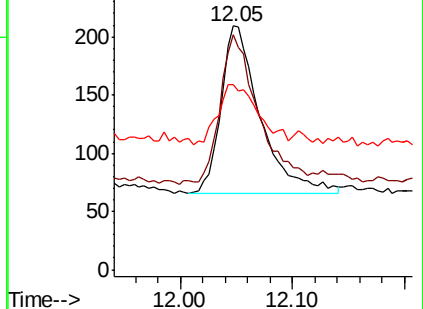
115 76.1 28.9 43.3#



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: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

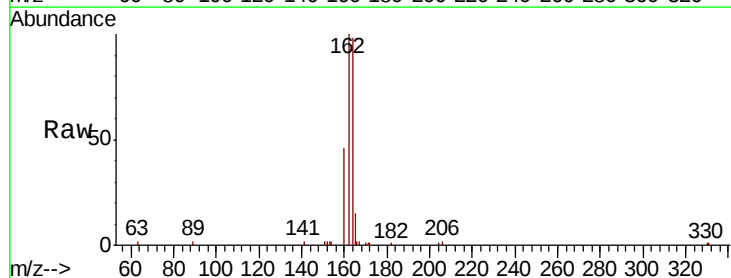
Tgt Ion:164 Resp: 6617

Ion Ratio Lower Upper

164 100

162 102.5 80.8 121.2

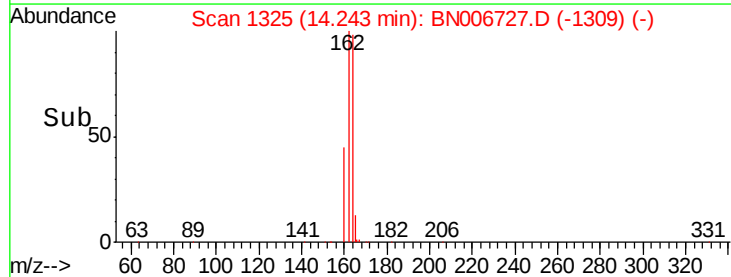
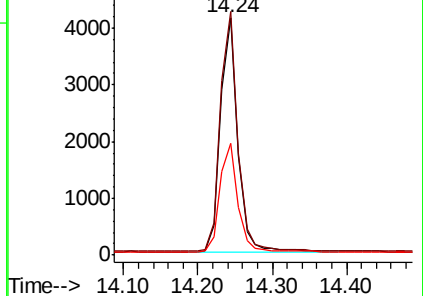
160 47.1 37.0 55.6

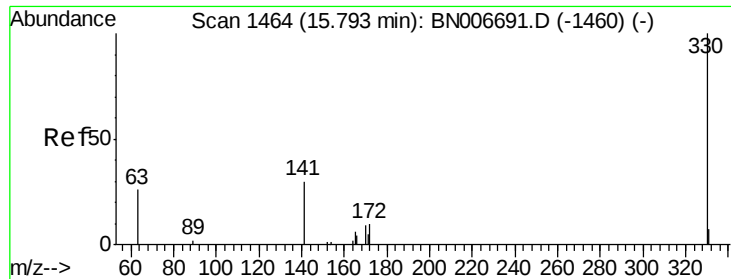


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

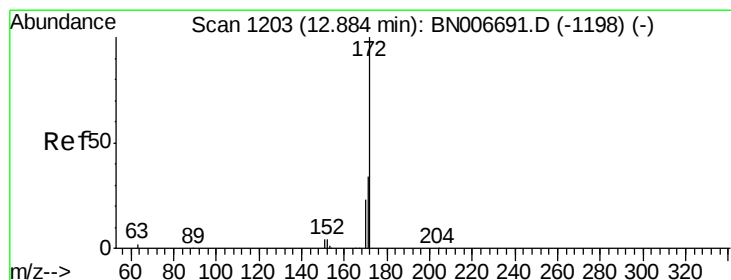
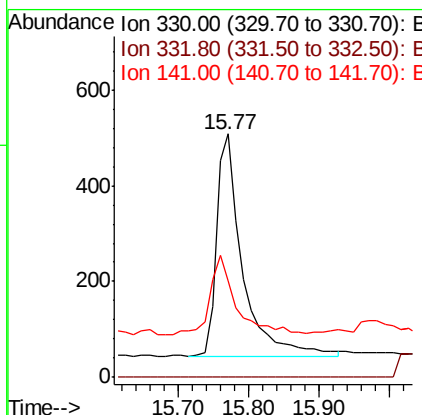
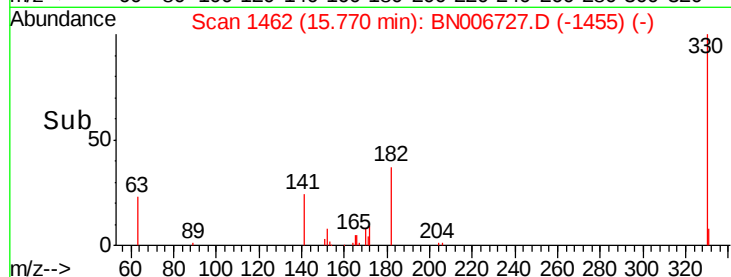
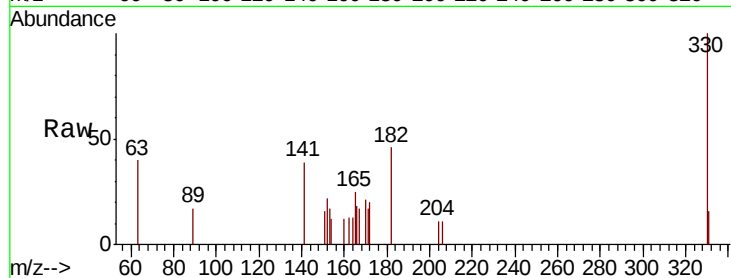




#14
 2,4,6-Tribromophenol
 Concen: 0.365 ng
 RT: 15.77 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BN006727.D
 Acq: 05 Jul 2019 21:44

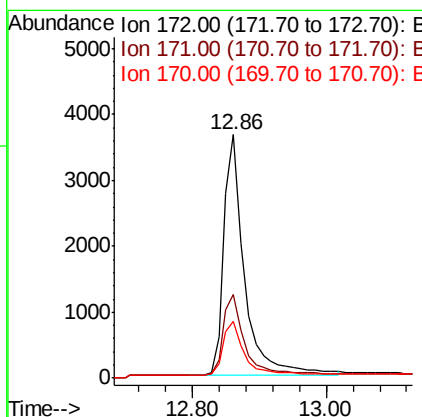
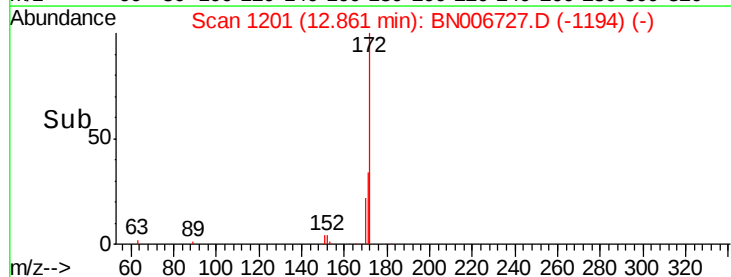
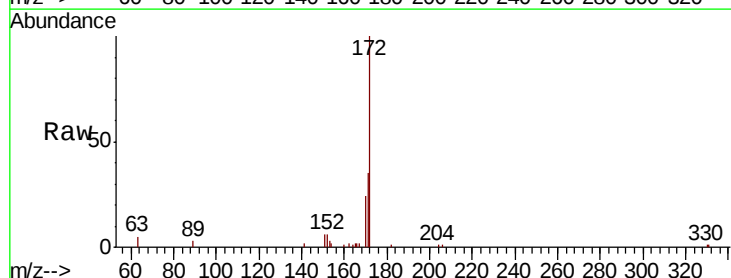
Instrument :
 BNA_N
 ClientSampleId :
 PST-012-B226-062419

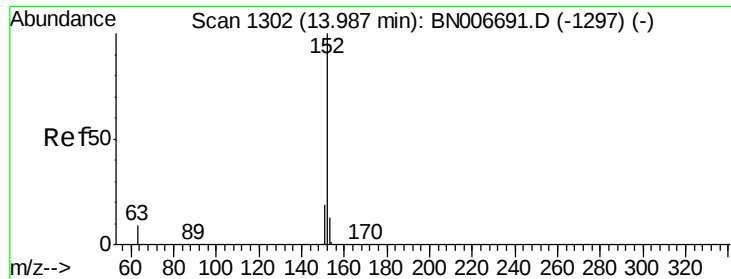
Tgt Ion: 330 Resp: 1186
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.5 24.8 37.2



#15
 2-Fluorobiphenyl
 Concen: 0.301 ng
 RT: 12.86 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BN006727.D
 Acq: 05 Jul 2019 21:44

Tgt Ion: 172 Resp: 7783
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.6
 170 23.5 18.9 28.3





#16

Acenaphthylene

Concen: 0.076 ng

RT: 13.96 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

PST-012-B226-062419

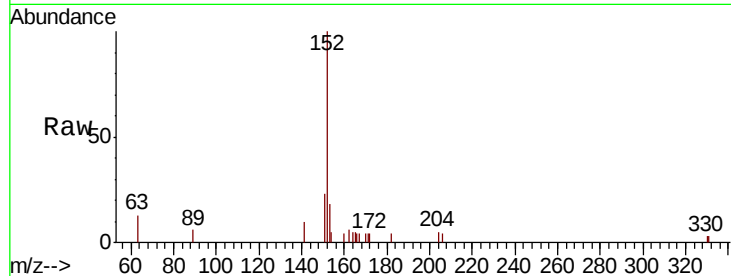
Tgt Ion:152 Resp: 2518

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

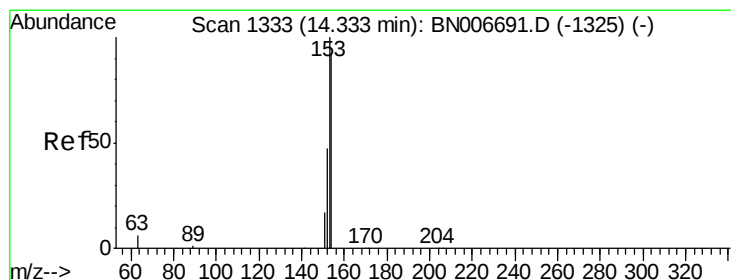
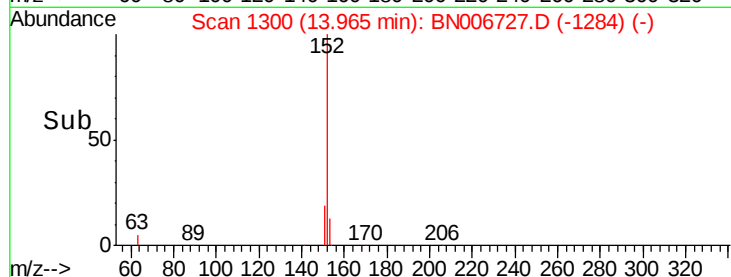
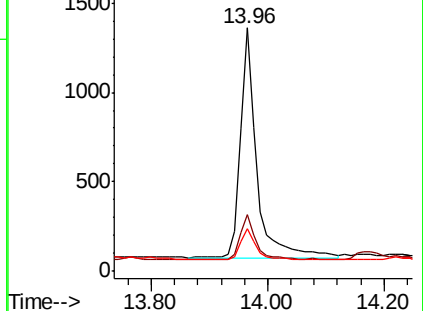
153 13.7 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.035 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

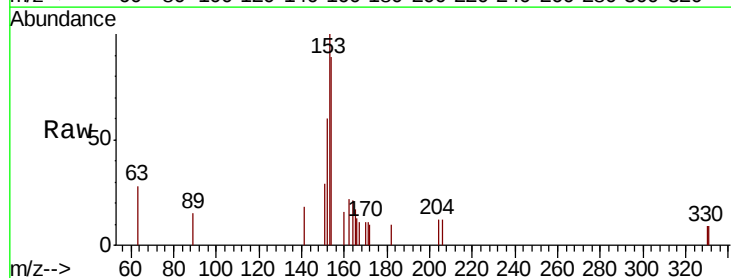
Tgt Ion:154 Resp: 727

Ion Ratio Lower Upper

154 100

153 111.8 88.9 133.3

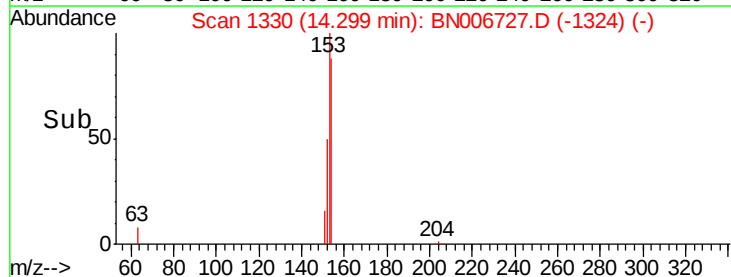
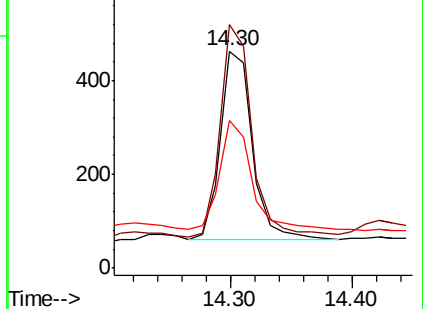
152 58.5 42.8 64.2

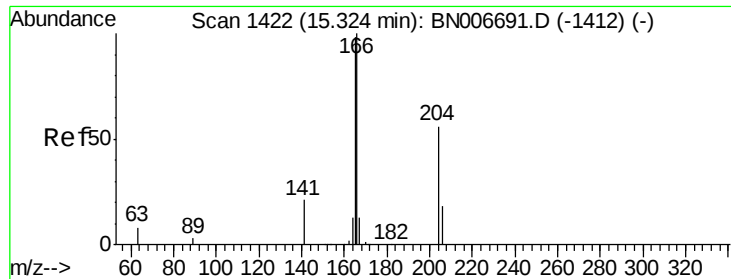


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.027 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

PST-012-B226-062419

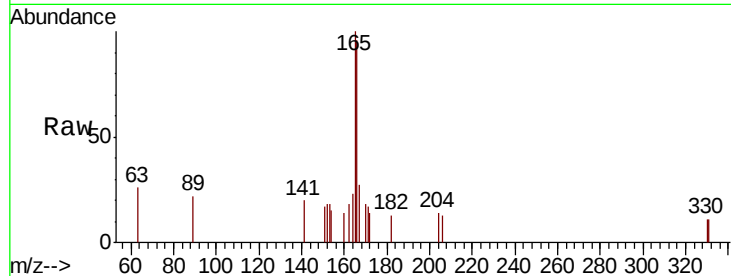
Tgt Ion:166 Resp: 697

Ion Ratio Lower Upper

166 100

165 106.5 78.0 117.0

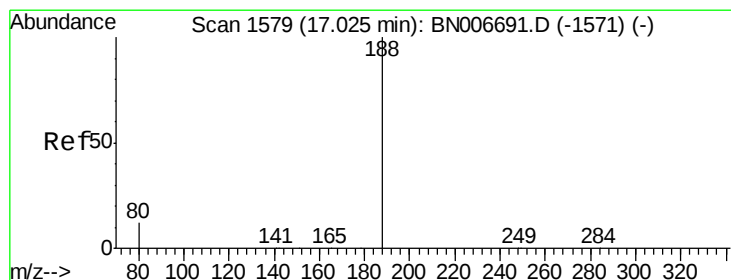
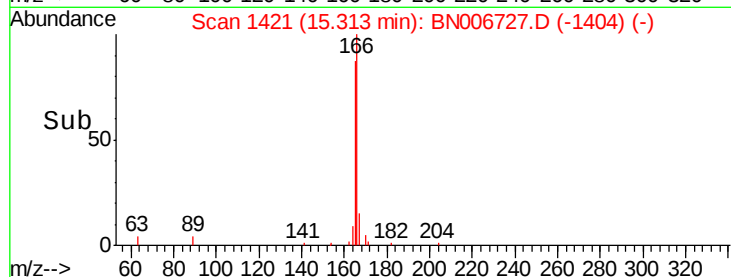
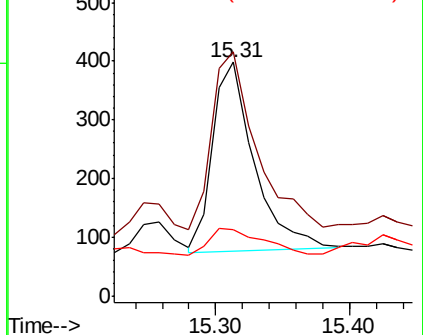
167 18.2 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

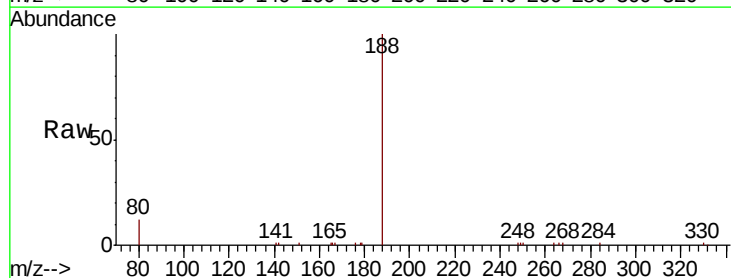
Tgt Ion:188 Resp: 15346

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

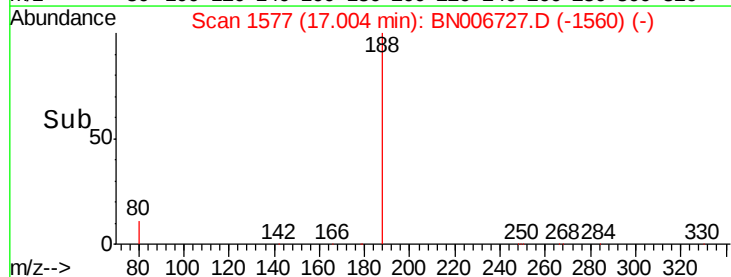
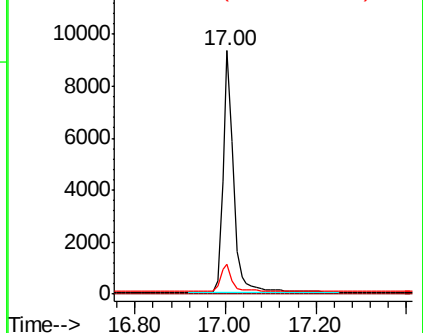
80 12.1 10.3 15.5

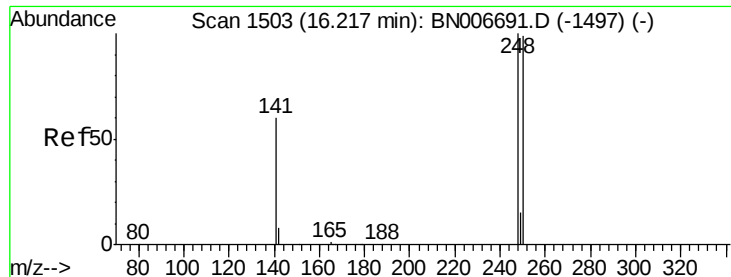


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

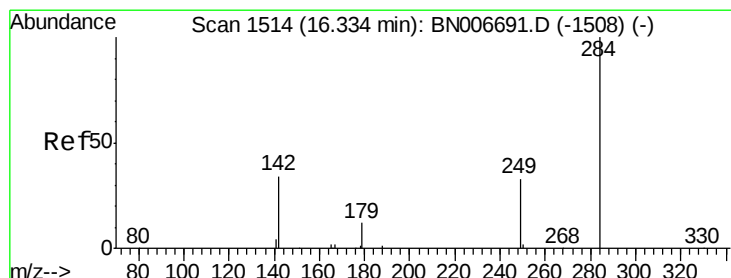
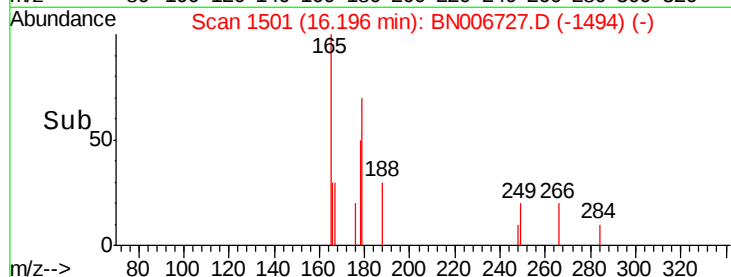
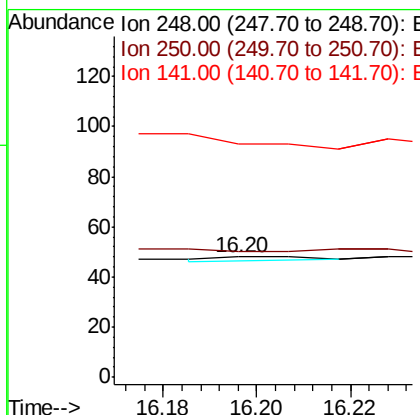
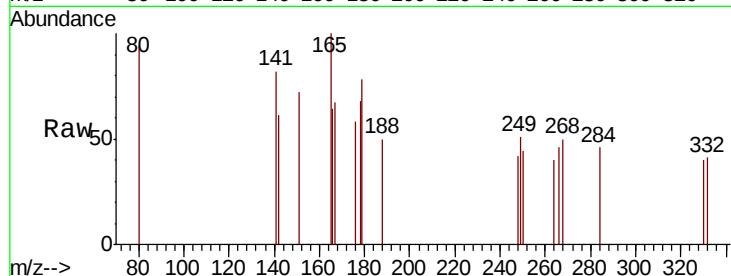




#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

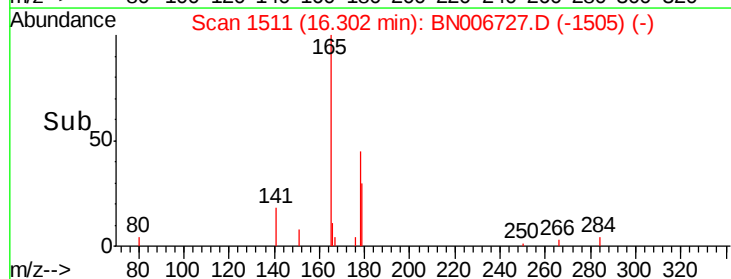
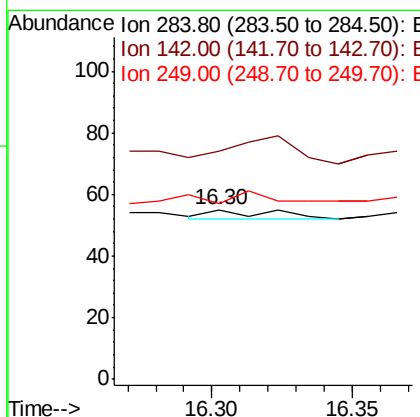
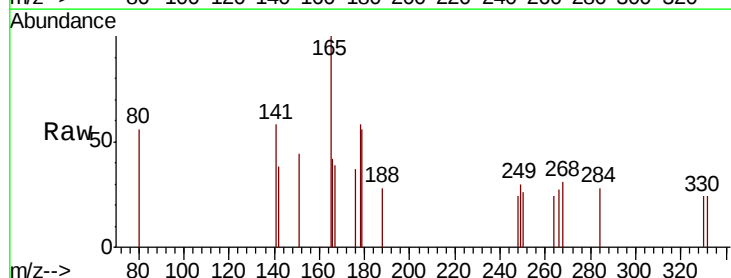
Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

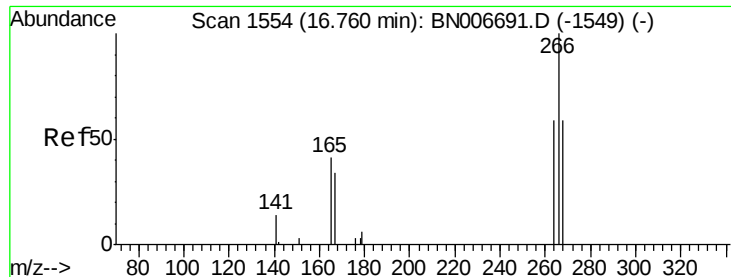
Tgt Ion:248 Resp: 3
Ion Ratio Lower Upper
248 100
250 104.2 79.0 118.6
141 193.8 50.2 75.4#



#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.30 min Scan# 1511
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:284 Resp: 5
Ion Ratio Lower Upper
284 100
142 0.0 26.9 40.3#
249 60.0 24.4 36.6#





#22

Pentachlorophenol

Concen: 0.115 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

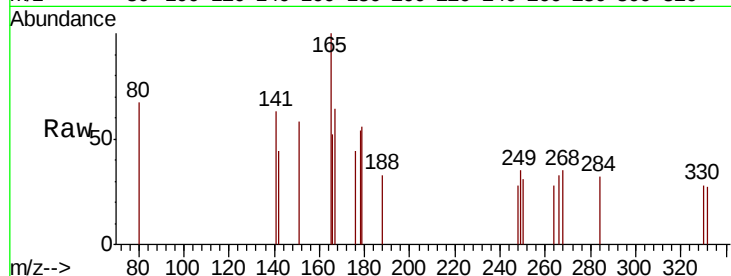
Instrument :

BNA_N

ClientSampleId :

PST-012-B226-062419

Tgt Ion:	266	Resp:	7
Ion	Ratio	Lower	Upper
266	100		
264	85.7	57.6	86.4
268	107.1	66.6	99.8#

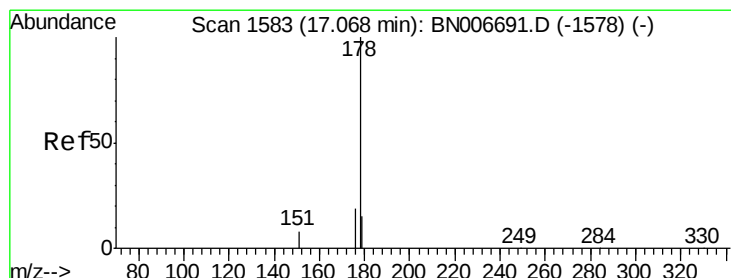
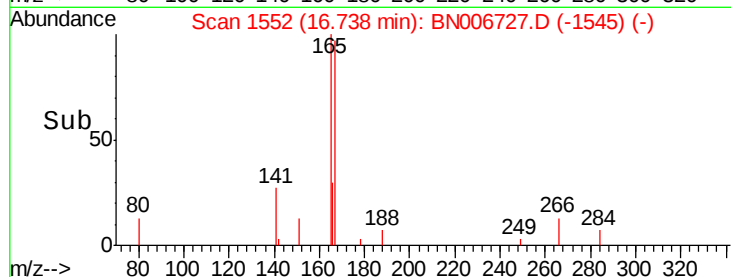
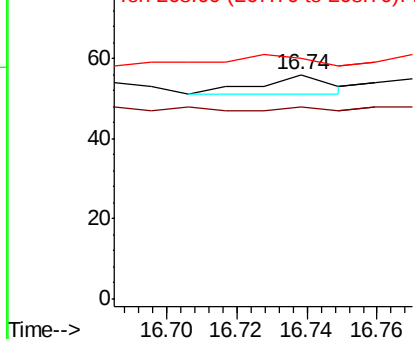


Abundance

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: 0.393 ng

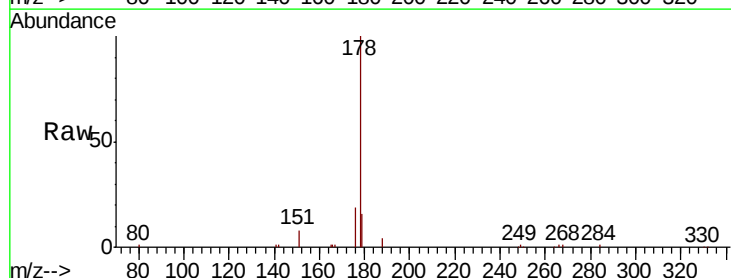
RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

Tgt Ion:	178	Resp:	17401
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.1	12.4	18.6

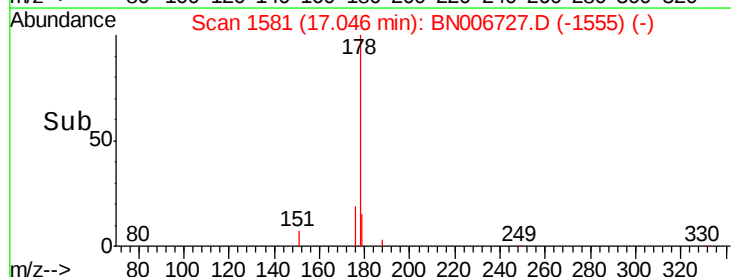
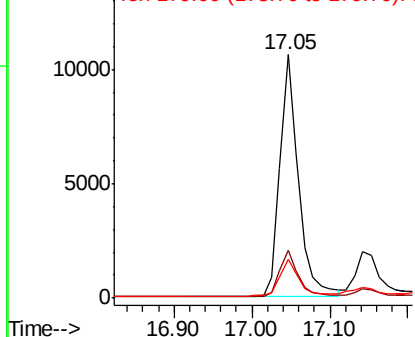


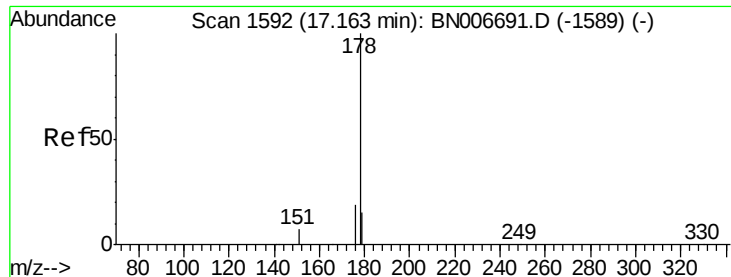
Abundance

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: 0.102 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

PST-012-B226-062419

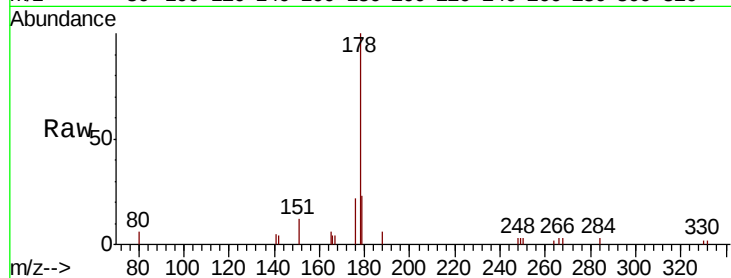
Tgt Ion:178 Resp: 4089

Ion Ratio Lower Upper

178 100

176 16.8 14.8 22.2

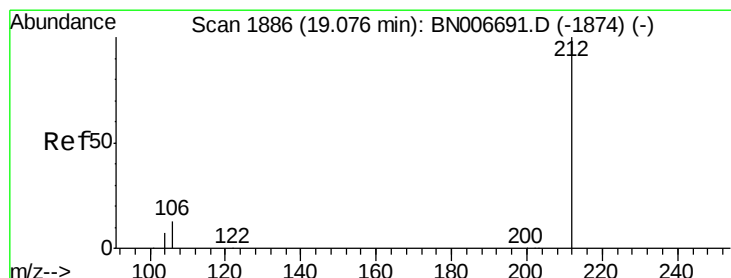
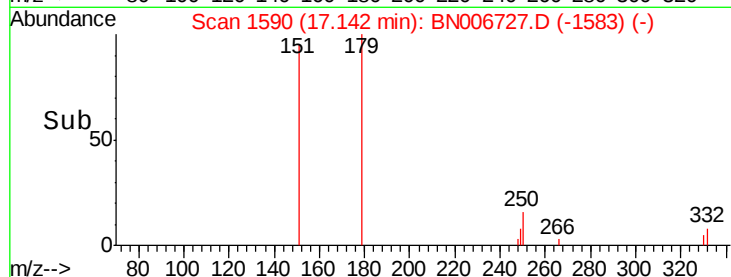
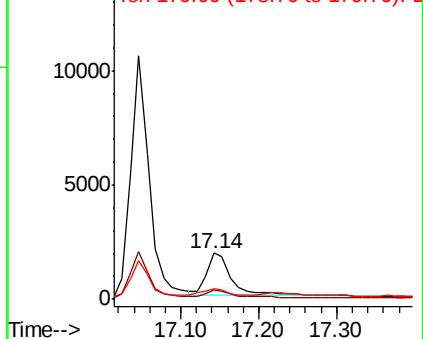
179 14.3 11.9 17.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.272 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

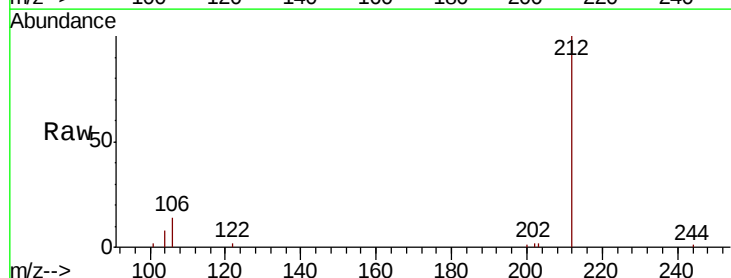
Tgt Ion:212 Resp: 11929

Ion Ratio Lower Upper

212 100

106 13.7 11.0 16.6

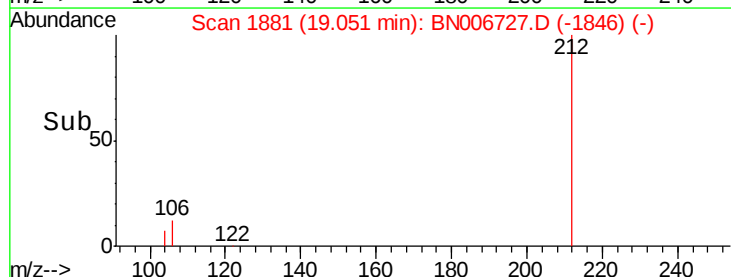
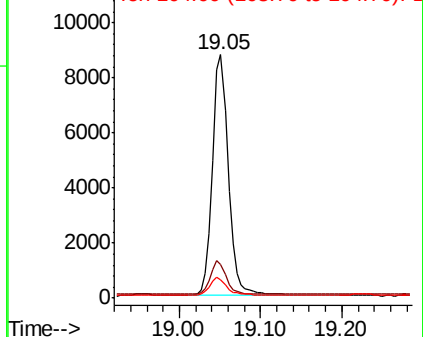
104 7.7 6.1 9.1

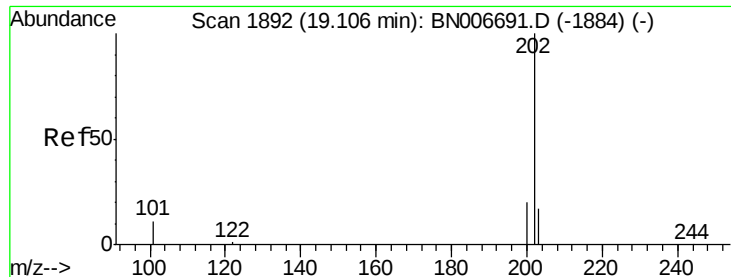


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.880 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

PST-012-B226-062419

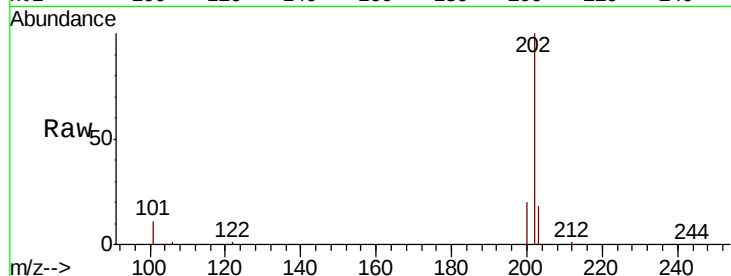
Tgt Ion:202 Resp: 45695

Ion Ratio Lower Upper

202 100

101 11.3 8.7 13.1

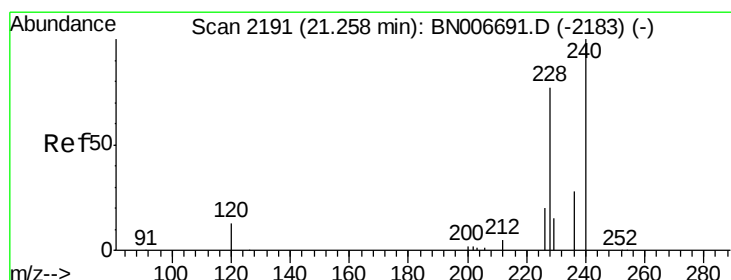
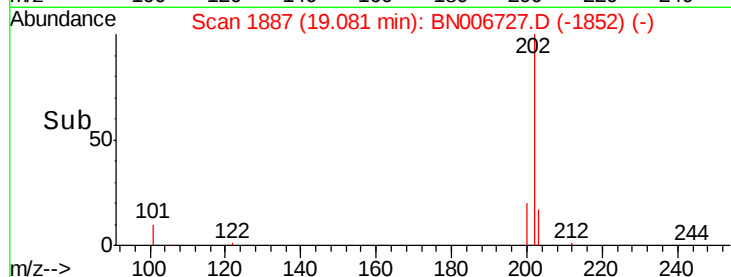
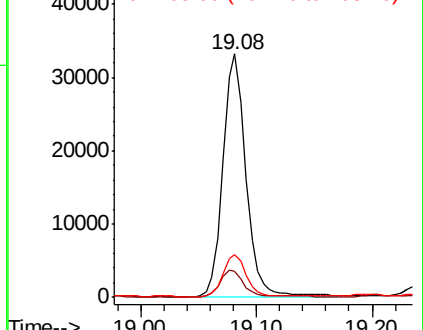
203 17.2 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.03 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

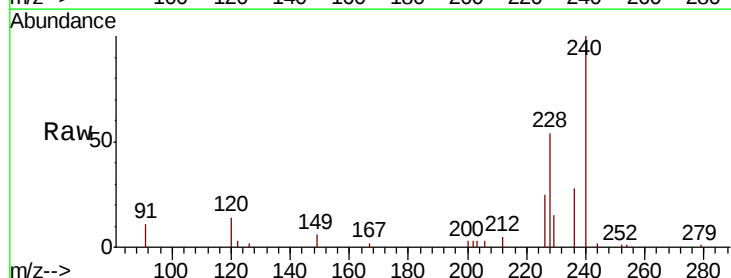
Tgt Ion:240 Resp: 15429

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

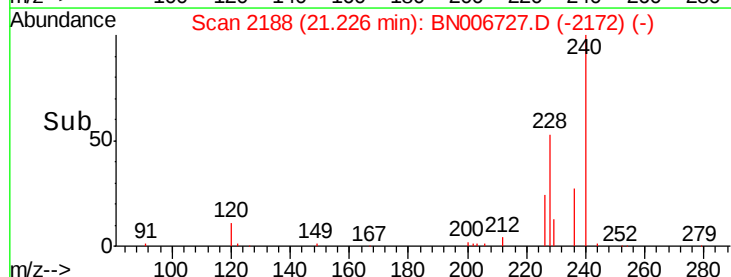
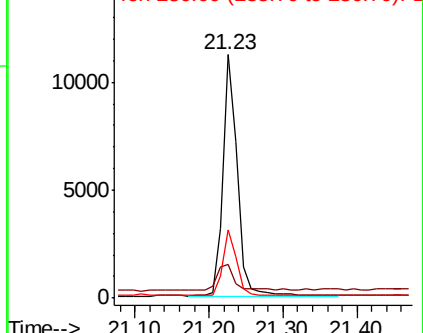
236 27.8 23.2 34.8

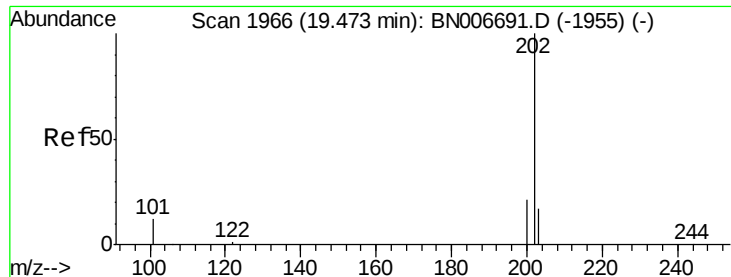


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

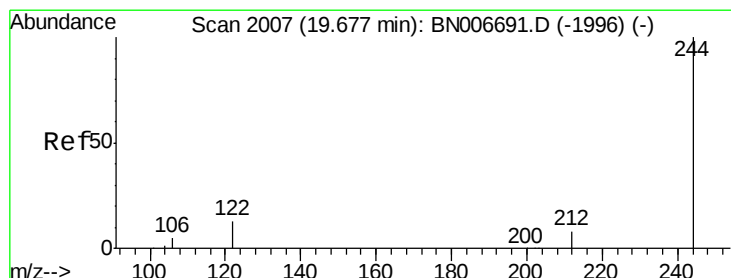
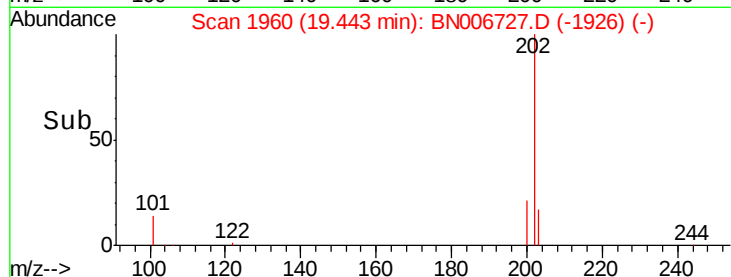
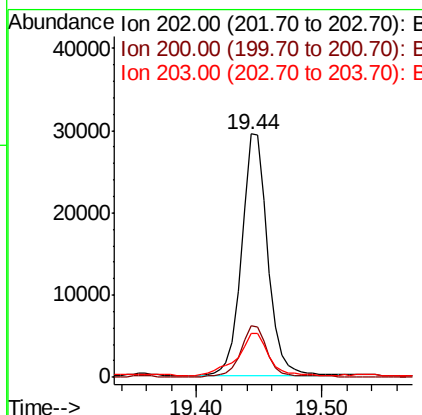
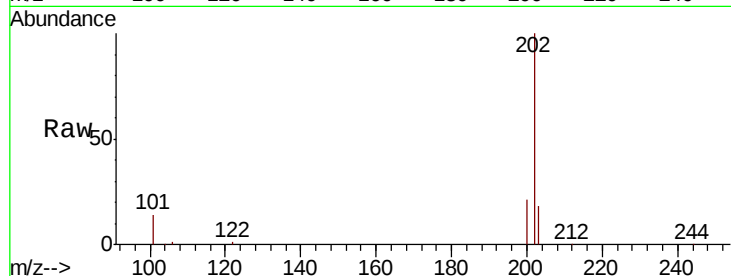




#28
Pyrene
Concen: 0.689 ng
RT: 19.44 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

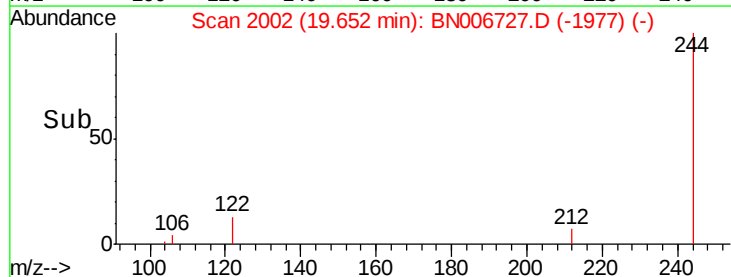
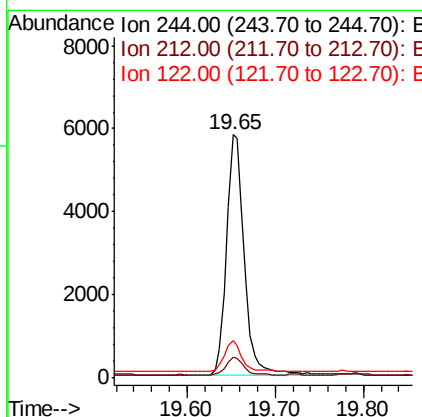
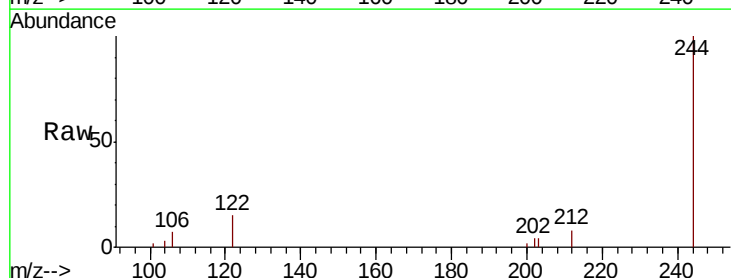
Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

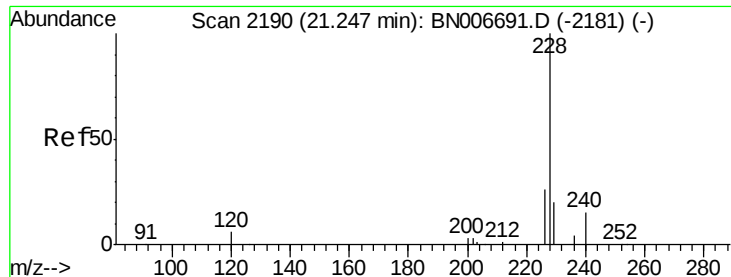
Tgt Ion: 202 Resp: 42565
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 21.0 14.2 21.2



#29
Terphenyl-d14
Concen: 0.233 ng
RT: 19.65 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion: 244 Resp: 8261
Ion Ratio Lower Upper
244 100
212 8.5 7.0 10.4
122 15.3 11.5 17.3





#30

Benzo(a)anthracene

Concen: 0.539 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

PST-012-B226-062419

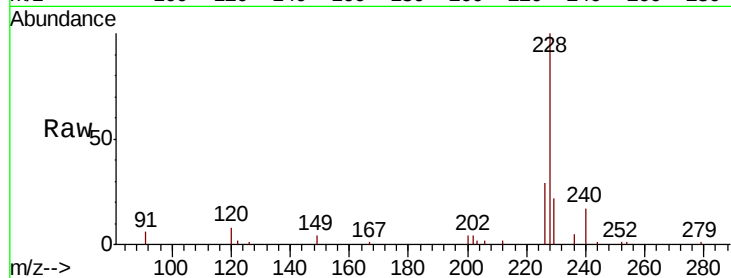
Tgt Ion:228 Resp: 28664

Ion Ratio Lower Upper

228 100

226 28.6 21.5 32.3

229 22.2 16.2 24.4

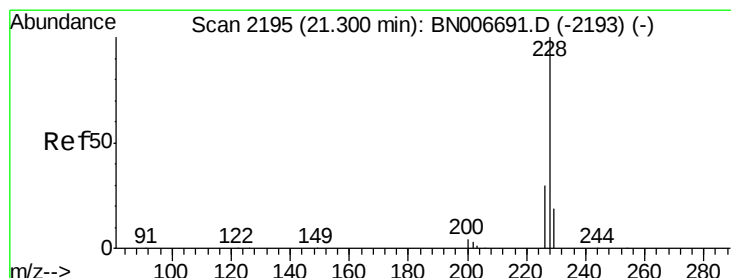
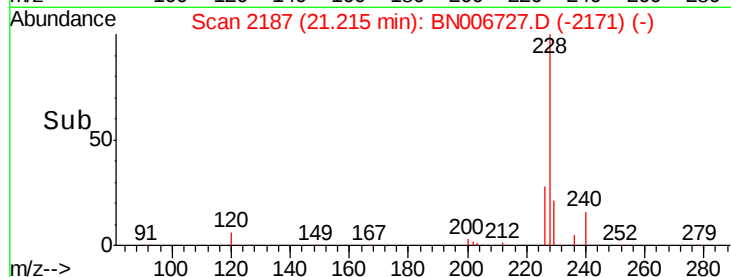
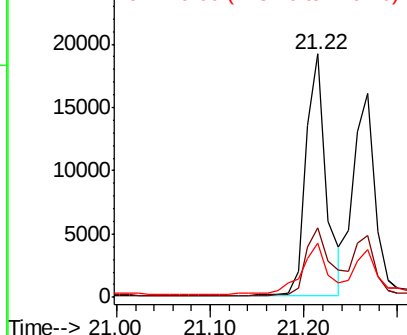


Abundance

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: 0.468 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

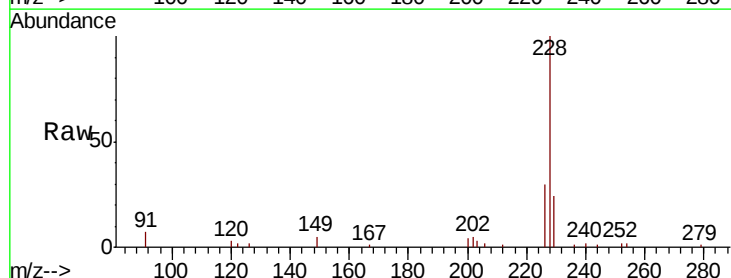
Tgt Ion:228 Resp: 25648

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 23.5 15.8 23.6

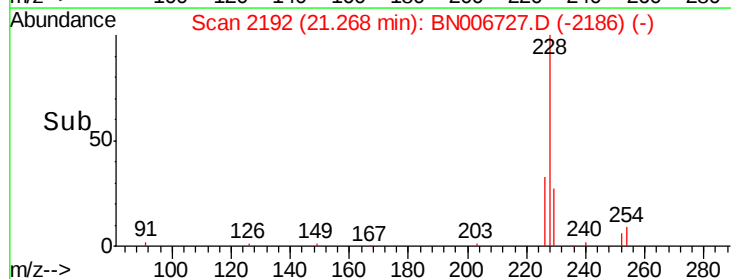
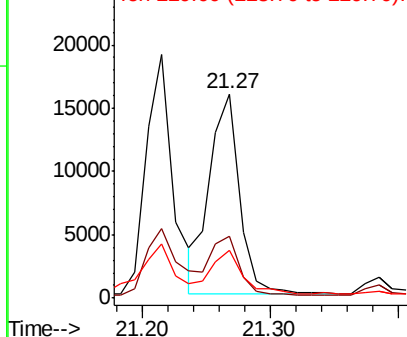


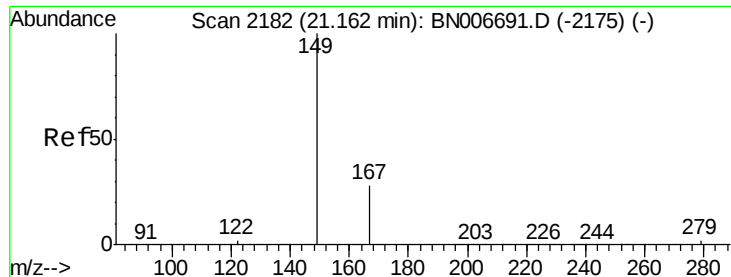
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.021 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

PST-012-B226-062419

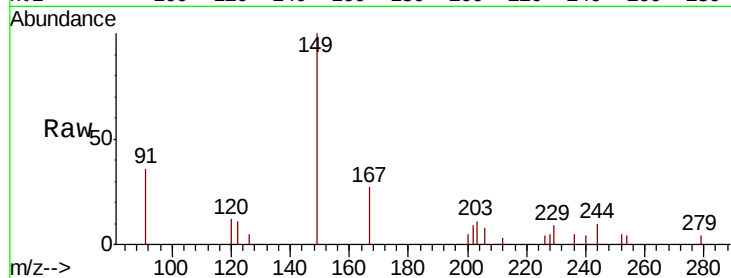
Tgt Ion:149 Resp: 3297

Ion Ratio Lower Upper

149 100

167 27.4 22.9 34.3

279 5.0 3.2 4.8#

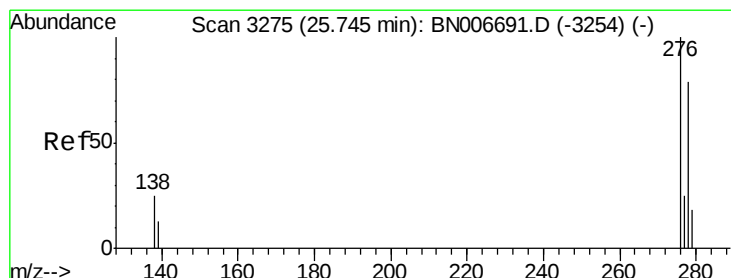
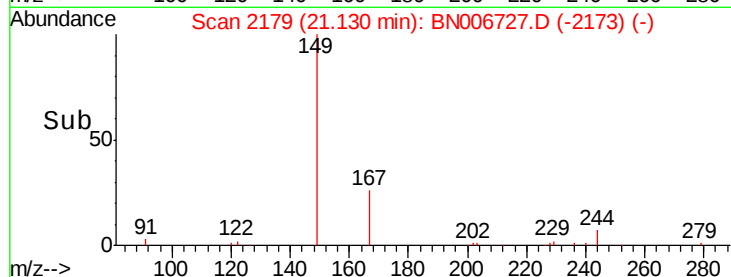
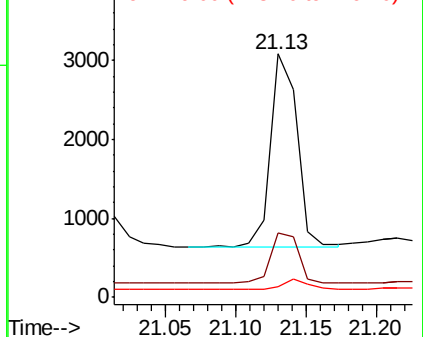


Abundance

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: 0.274 ng

RT: 25.67 min Scan# 3254

Delta R.T. -0.07 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

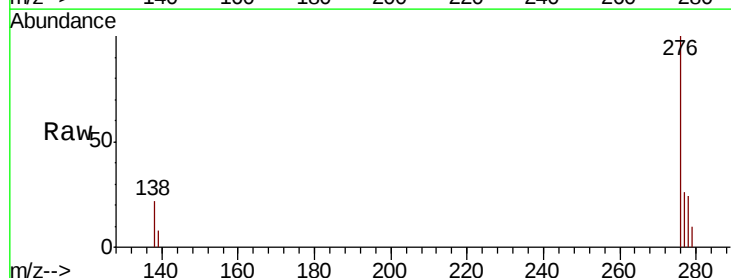
Tgt Ion:276 Resp: 17976

Ion Ratio Lower Upper

276 100

138 19.8 19.5 29.3

277 23.6 19.7 29.5

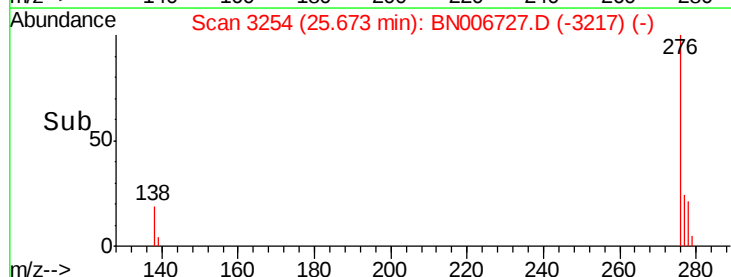
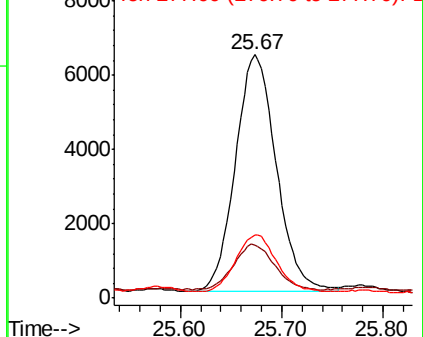


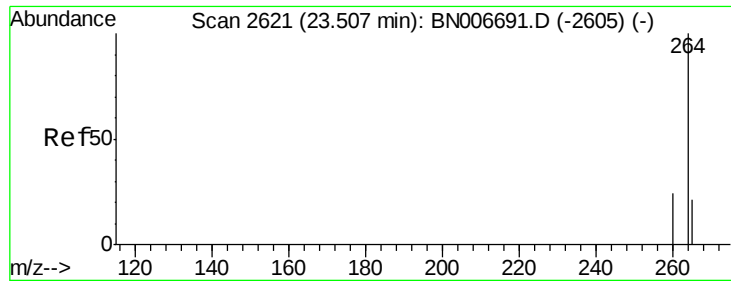
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

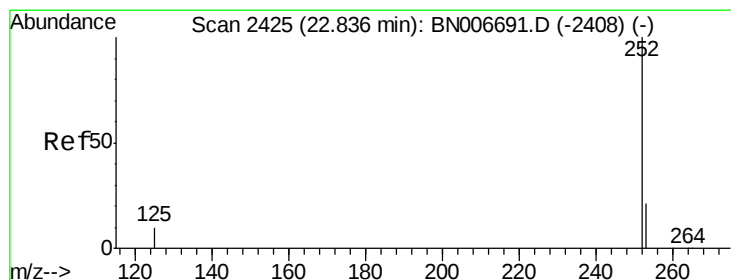
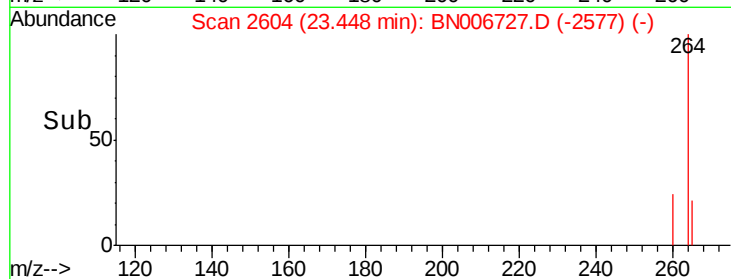
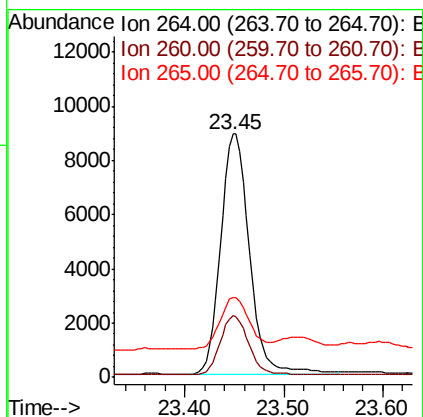
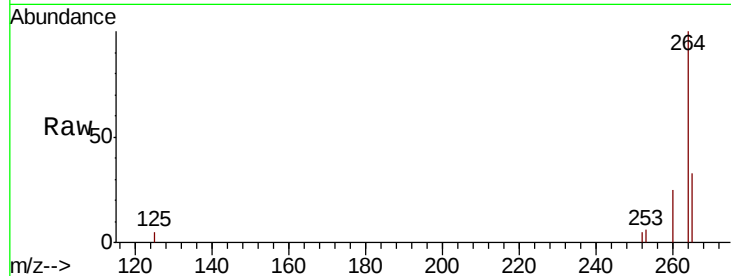




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.45 min Scan# 2604
 Delta R.T. -0.06 min
 Lab File: BN006727.D
 Acq: 05 Jul 2019 21:44

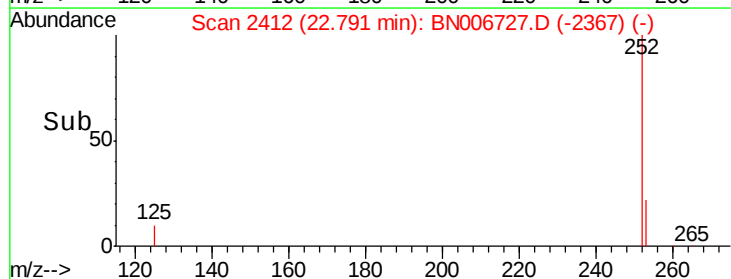
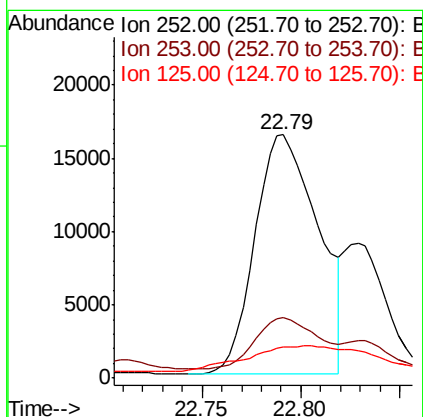
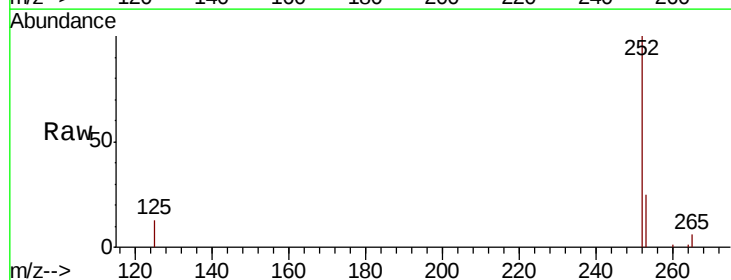
Instrument :
 BNA_N
 ClientSampleId :
 PST-012-B226-062419

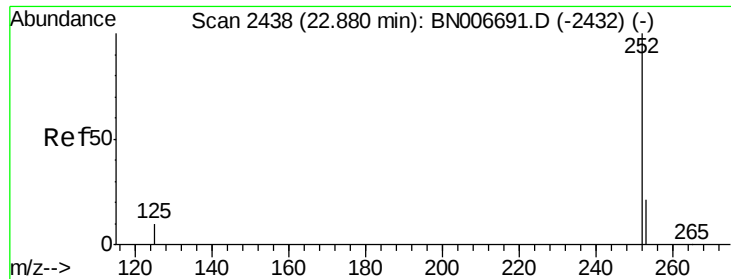
Tgt Ion:264 Resp: 17789
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 32.6 33.7 50.5#



#35
Benzo(b)fluoranthene
 Concen: 0.634 ng
 RT: 22.79 min Scan# 2412
 Delta R.T. -0.04 min
 Lab File: BN006727.D
 Acq: 05 Jul 2019 21:44

Tgt Ion:252 Resp: 36207
 Ion Ratio Lower Upper
 252 100
 253 25.1 20.2 30.2
 125 12.8 11.5 17.3

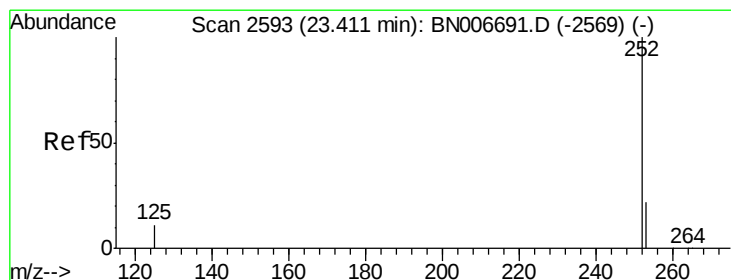
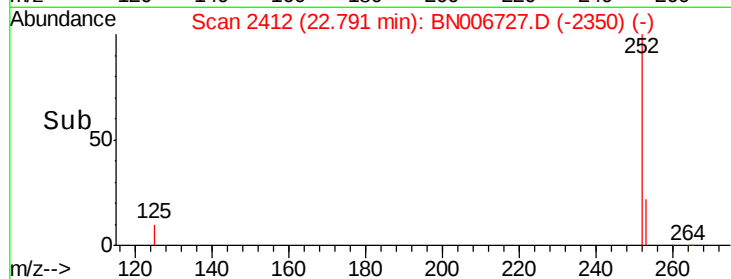
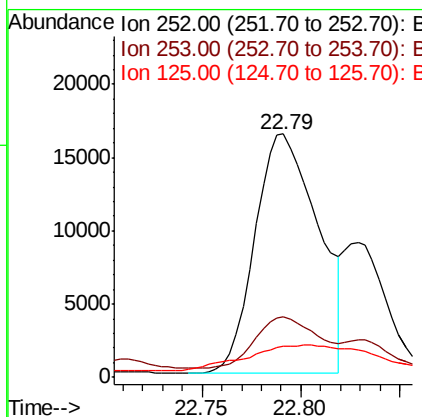
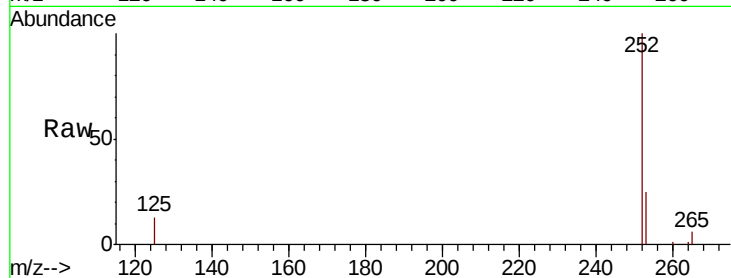




#36
Benzo(k)fluoranthene
Concen: 0.585 ng
RT: 22.79 min Scan# 2412
Delta R.T. -0.09 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

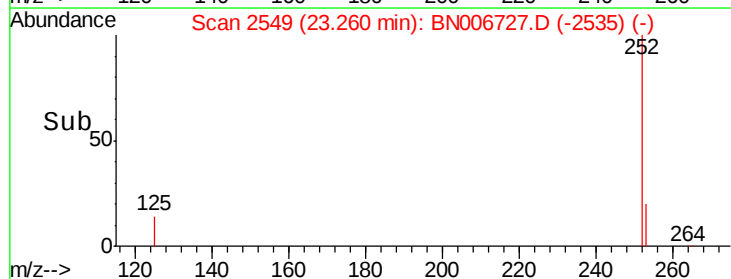
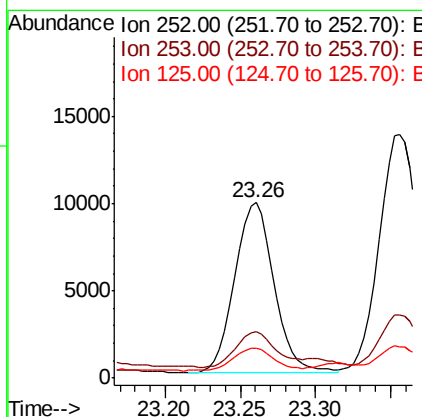
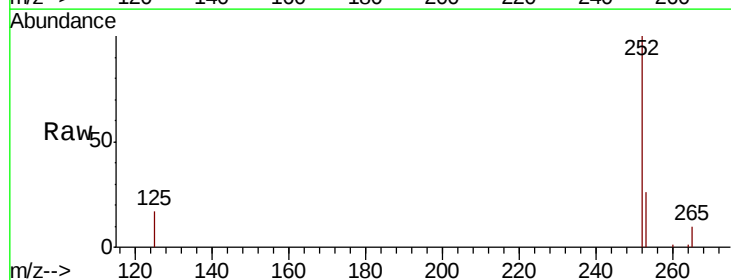
Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

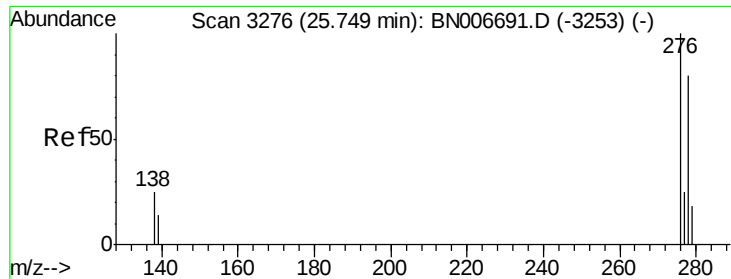
Tgt Ion:252 Resp: 36207
Ion Ratio Lower Upper
252 100
253 25.1 20.1 30.1
125 12.8 11.4 17.0



#37
Benzo(a)pyrene
Concen: 0.314 ng
RT: 23.26 min Scan# 2549
Delta R.T. -0.15 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:252 Resp: 17393
Ion Ratio Lower Upper
252 100
253 26.3 21.4 32.2
125 17.3 13.3 19.9





#38

Dibenzo(a,h)anthracene

Concen: 0.087 ng

RT: 25.68 min Scan# 3255

Delta R.T. -0.07 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

Instrument :

BNA_N

ClientSampleId :

PST-012-B226-062419

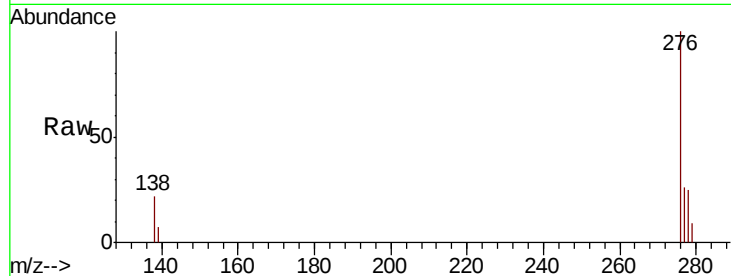
Tgt Ion: 278 Resp: 4777

Ion Ratio Lower Upper

278 100

139 29.8 16.2 24.4#

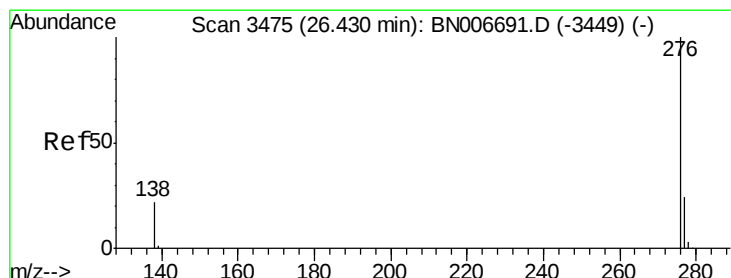
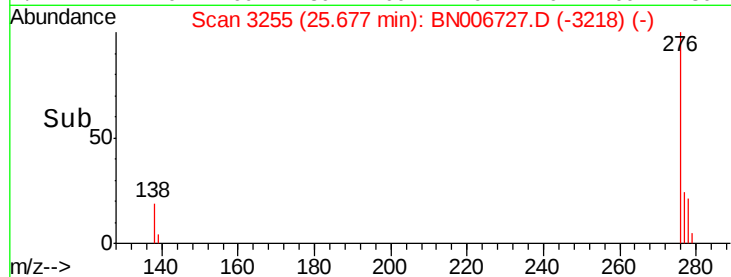
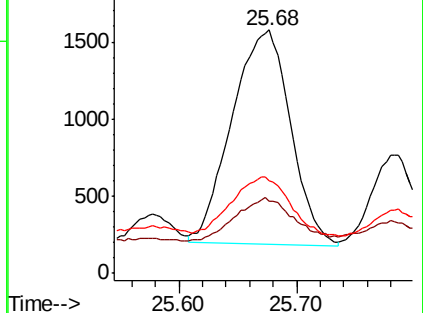
279 38.2 20.7 31.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.293 ng

RT: 26.35 min Scan# 3451

Delta R.T. -0.08 min

Lab File: BN006727.D

Acq: 05 Jul 2019 21:44

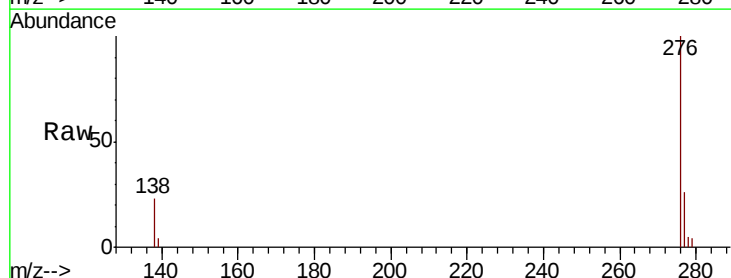
Tgt Ion: 276 Resp: 16580

Ion Ratio Lower Upper

276 100

277 25.7 20.6 30.8

138 22.8 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

