

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006723.D
 Acq On : 05 Jul 2019 19:26
 Operator : HP/JU
 Sample : K3558-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-016-B237-062619

Quant Time: Jul 05 22:52:30 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 05 05:30:28 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2870	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	10949	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	6924	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	16133	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	16027	0.40	ng	-0.03
34) Perylene-d12	23.44	264	17987	0.40	ng	-0.07

System Monitoring Compounds

4) 2-Fluorophenol	5.23	112	1686	0.22	ng	0.00
5) Phenol-d6	6.80	99	2333	0.24	ng	-0.03
8) Nitrobenzene-d5	8.79	82	1332	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	3486	0.21	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	647	0.19	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	4903	0.18	ng	-0.02
25) Fluoranthene-d10	19.05	212	8323	0.18	ng	-0.03
29) Terphenyl-d14	19.65	244	5828	0.16	ng	-0.02

Target Compounds

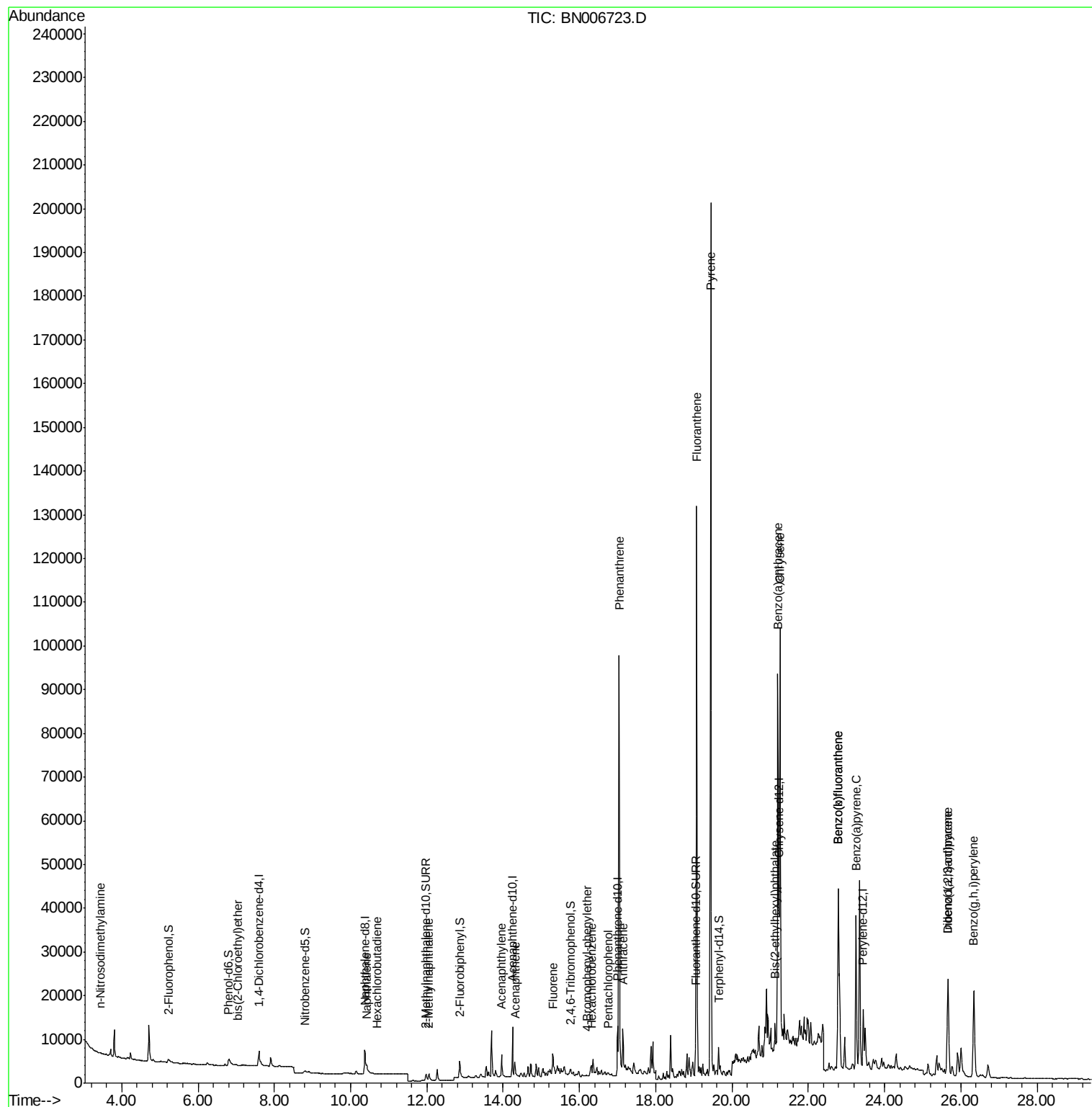
						Qvalue
3) n-Nitrosodimethylamine	3.44	42	107	0.032	ng	# 1
6) bis(2-Chloroethyl)ether	7.04	93	22	0.003	ng	# 47
9) Naphthalene	10.42	128	2827	0.094	ng	# 88
10) Hexachlorobutadiene	10.69	225	2	0.000	ng	# 18
12) 2-Methylnaphthalene	12.05	142	1831	0.047	ng	# 91
16) Acenaphthylene	13.96	152	6216	0.180	ng	98
17) Acenaphthene	14.31	154	1951	0.089	ng	94
18) Fluorene	15.30	166	3827	0.140	ng	# 93
20) 4-Bromophenyl-phenylether	16.21	248	1	0.000	ng	# 17
21) Hexachlorobenzene	16.33	284	6	0.001	ng	# 38
22) Pentachlorophenol	16.75	266	17	0.122	ng	# 77
23) Phenanthrene	17.05	178	117985	2.537	ng	100
24) Anthracene	17.14	178	12694	0.302	ng	# 95
26) Fluoranthene	19.08	202	115837	2.122	ng	99
28) Pyrene	19.44	202	181208	2.825	ng	97
30) Benzo(a)anthracene	21.20	228	69570	1.259	ng	98
31) Chrysene	21.26	228	86179	1.513	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	3599	0.022	ng	96
33) Indeno(1,2,3-cd)pyrene	25.67	276	34454	0.506	ng	94
35) Benzo(b)fluoranthene	22.78	252	72958	1.264	ng	# 96
36) Benzo(k)fluoranthene	22.78	252	72958	1.165	ng	96
37) Benzo(a)pyrene	23.25	252	46973	0.840	ng	95
38) Dibenzo(a,h)anthracene	25.67	278	10754	0.194	ng	# 88
39) Benzo(g,h,i)perylene	26.34	276	40410	0.707	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: 7.60 min Scan# 567

Delta R.T. -0.02 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Instrument :

BNA_N

ClientSampleId :

PST-016-B237-062619

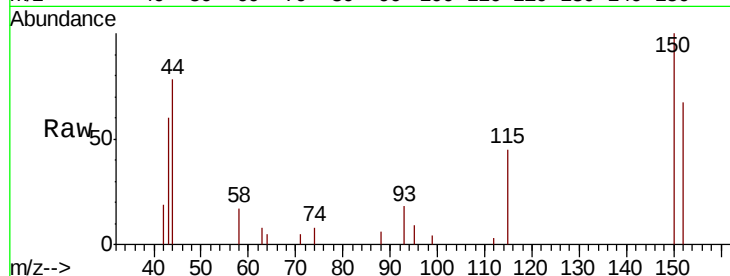
Tgt Ion: 152 Resp: 2870

Ion Ratio Lower Upper

152 100

150 149.6 120.6 181.0

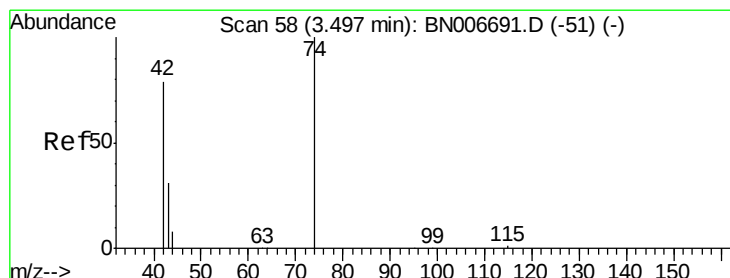
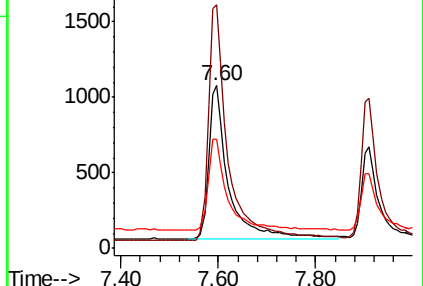
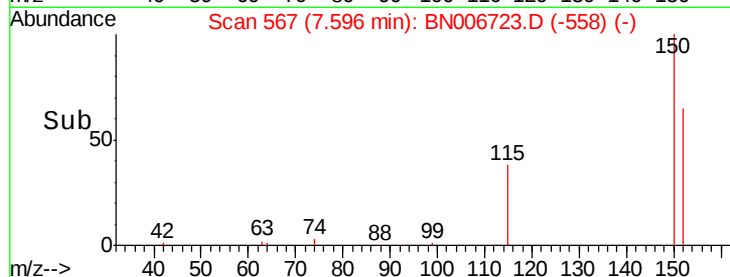
115 67.0 51.0 76.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.44 min Scan# 51

Delta R.T. -0.06 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

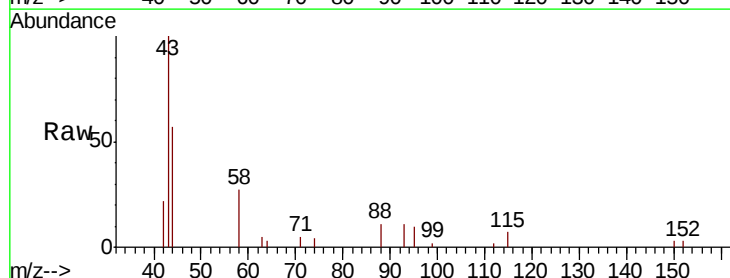
Tgt Ion: 42 Resp: 107

Ion Ratio Lower Upper

42 100

74 10.3 106.6 160.0#

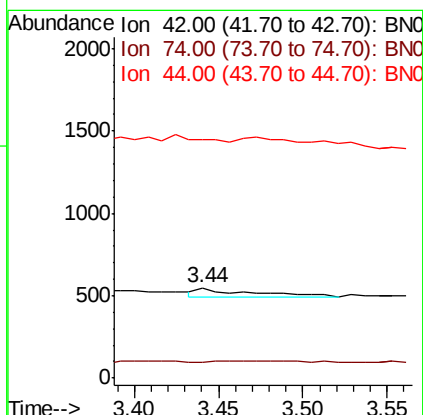
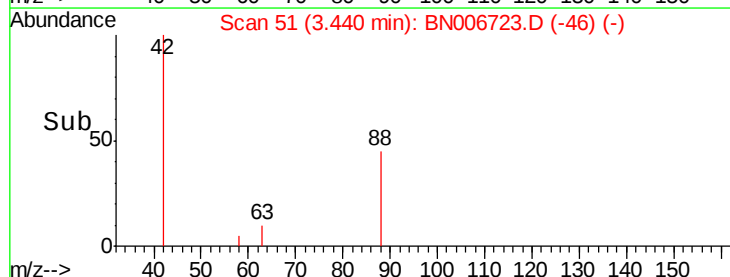
44 0.0 8.0 12.0#

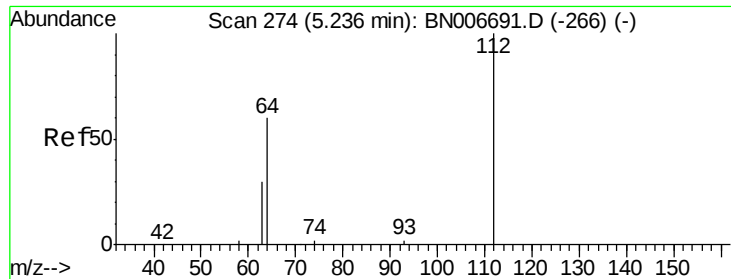


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.216 ng

RT: 5.23 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Instrument :

BNA_N

ClientSampleId :

PST-016-B237-062619

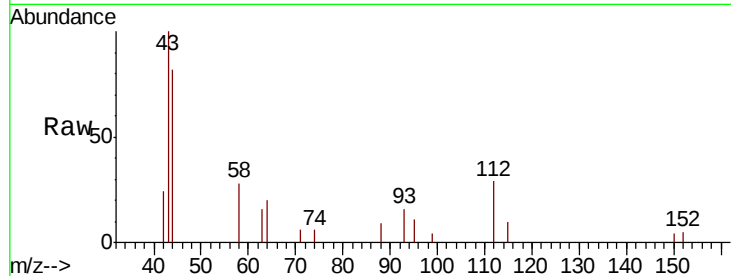
Tgt Ion: 112 Resp: 1686

Ion Ratio Lower Upper

112 100

64 63.6 49.8 74.6

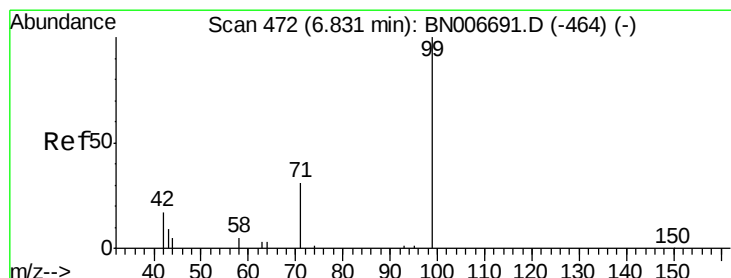
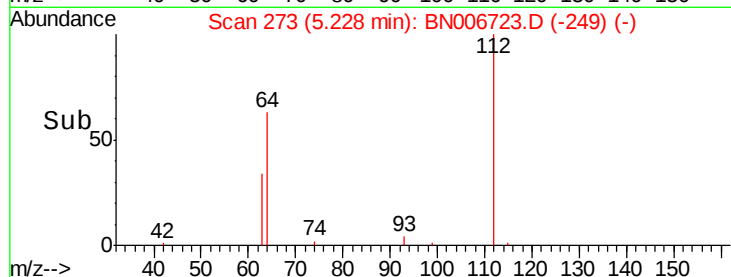
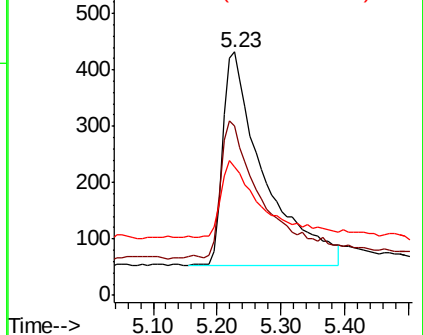
63 34.5 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.236 ng

RT: 6.80 min Scan# 468

Delta R.T. -0.03 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

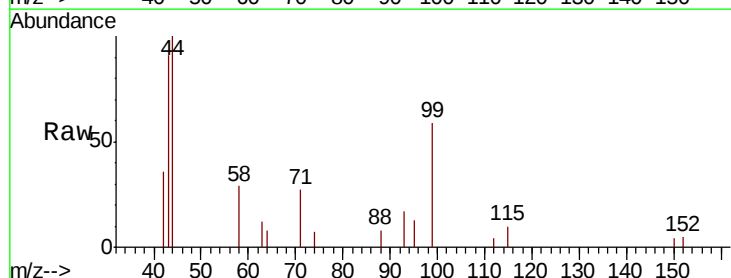
Tgt Ion: 99 Resp: 2333

Ion Ratio Lower Upper

99 100

42 29.0 16.6 25.0#

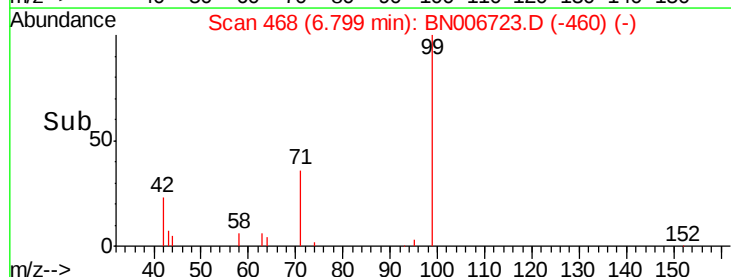
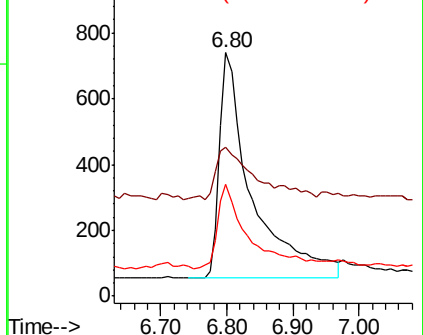
71 35.5 26.0 39.0

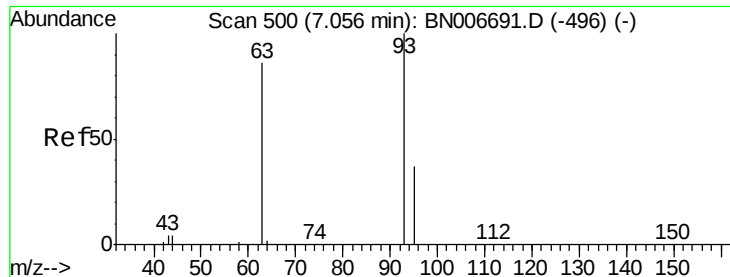


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Instrument :

BNA_N

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PST-016-B237-062619

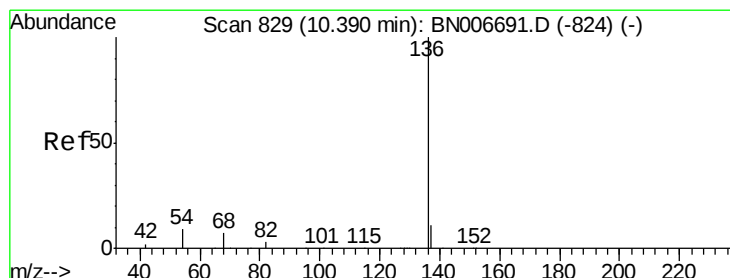
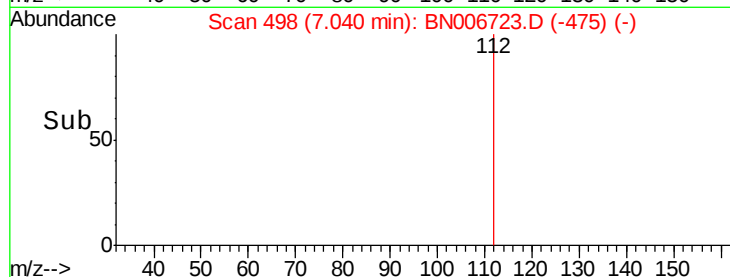
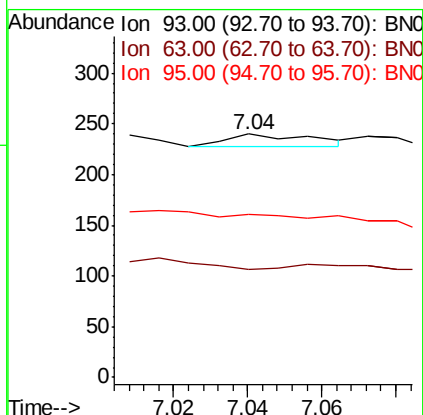
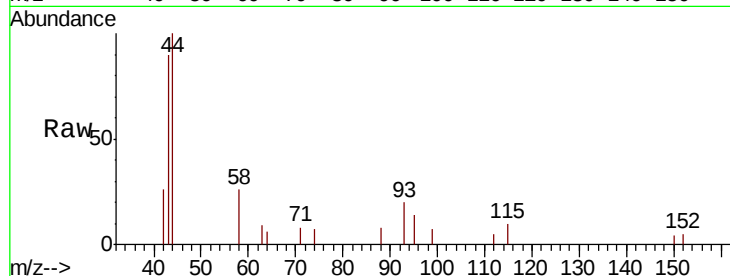
Tgt Ion: 93 Resp: 22

Ion Ratio Lower Upper

93 100

63 31.8 58.6 87.8#

95 0.0 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: BN006723.D

Acq: 05 Jul 2019 19:26

Tgt Ion: 136 Resp: 10949

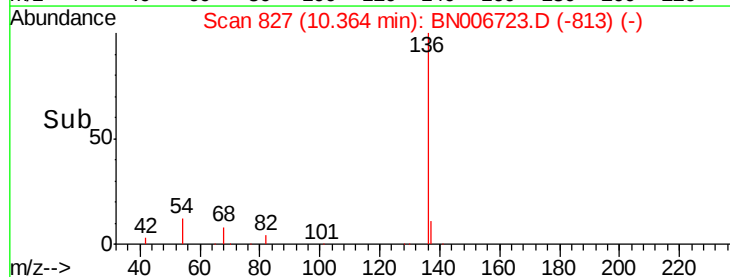
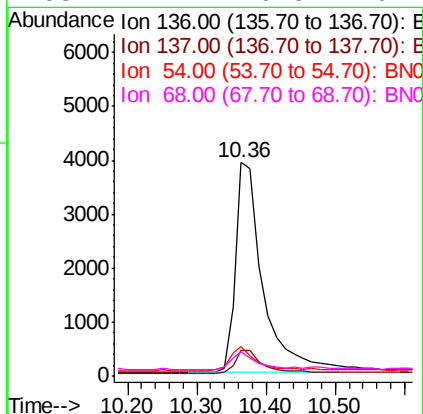
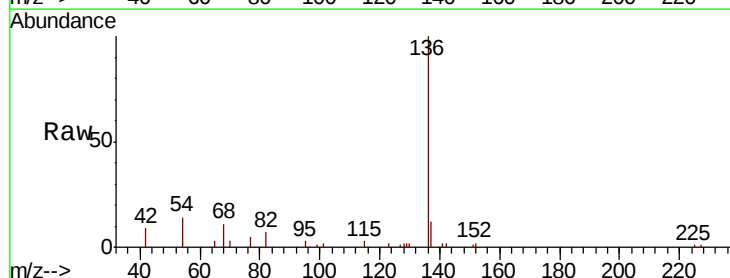
Ion Ratio Lower Upper

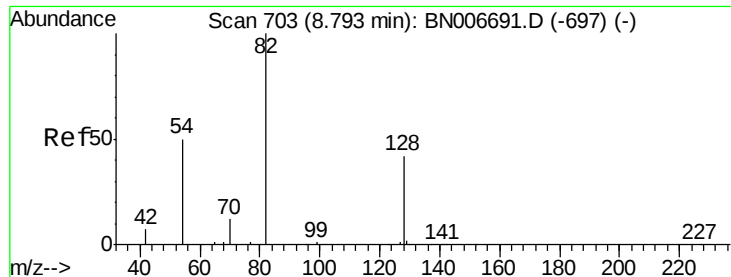
136 100

137 12.3 9.3 13.9

54 14.0 8.4 12.6#

68 11.2 6.8 10.2#

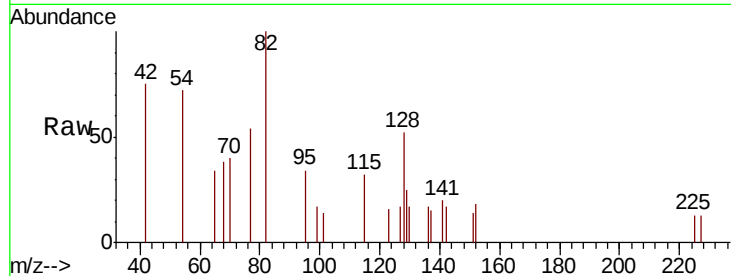




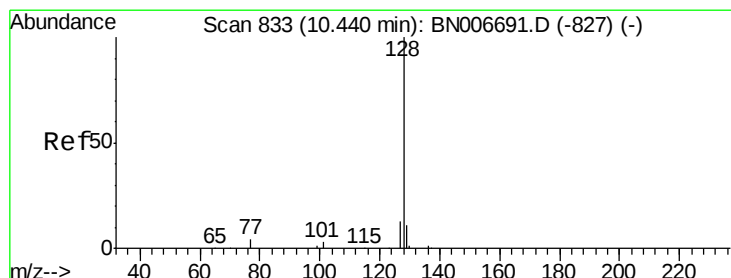
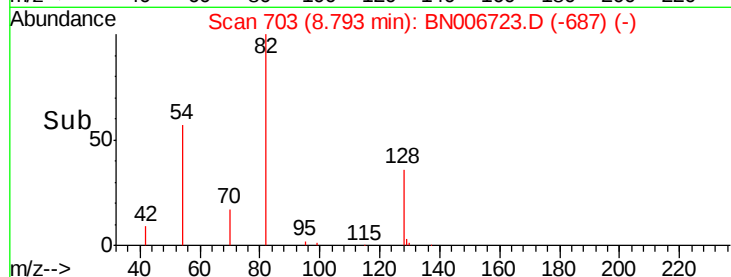
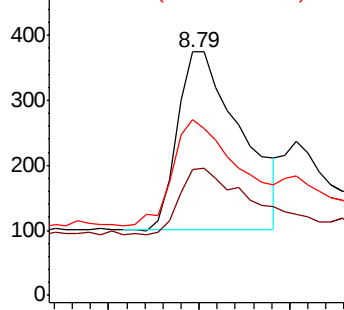
#8
Nitrobenzene-d5
Concen: 0.159 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion: 82 Resp: 1332
Ion Ratio Lower Upper
82 100
128 51.6 36.1 54.1
54 72.2 44.5 66.7#

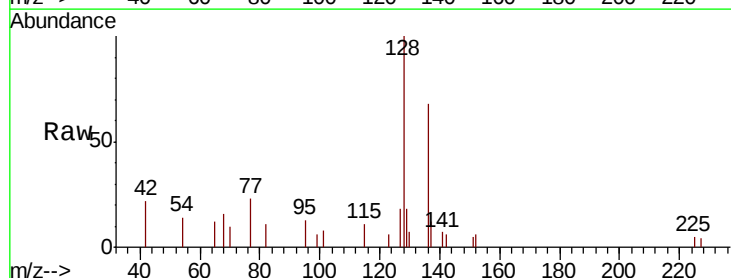


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

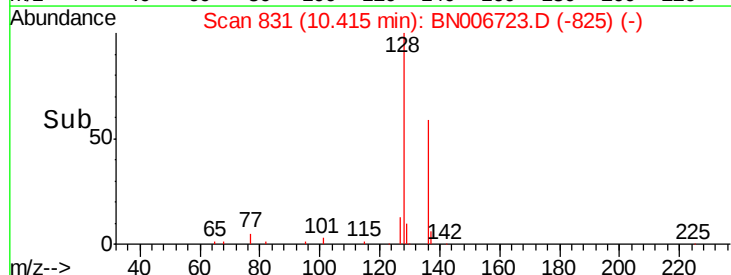
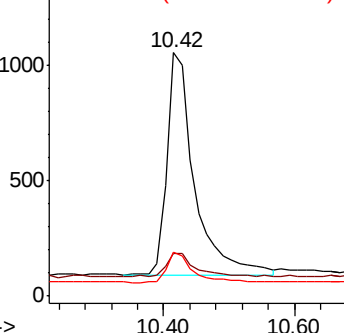


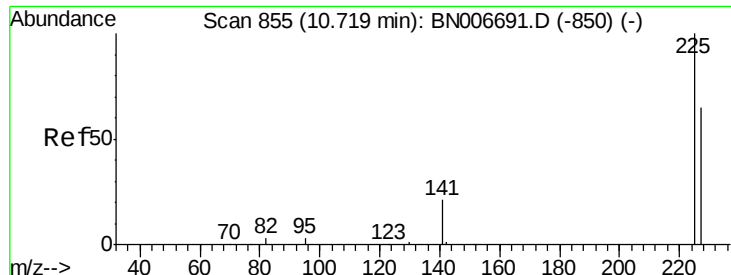
#9
Naphthalene
Concen: 0.094 ng
RT: 10.42 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion: 128 Resp: 2827
Ion Ratio Lower Upper
128 100
129 17.7 9.6 14.4#
127 17.8 11.0 16.4#



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

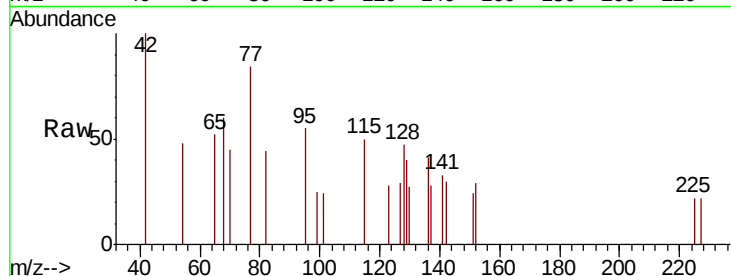




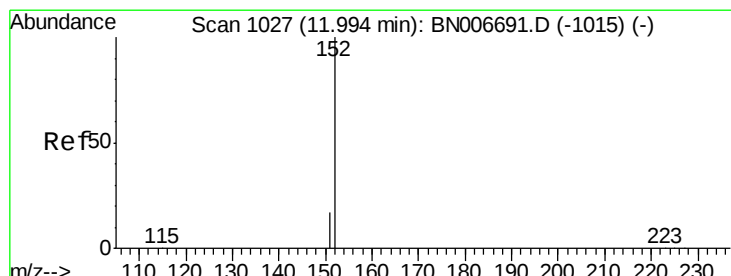
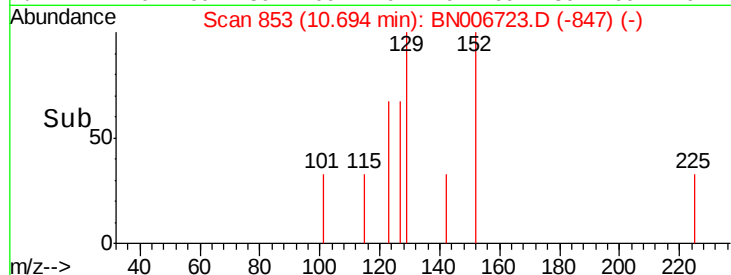
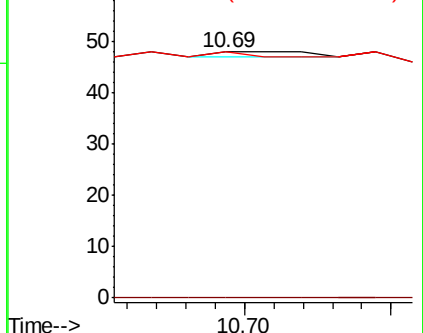
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

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Tgt Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 50.9 76.3#

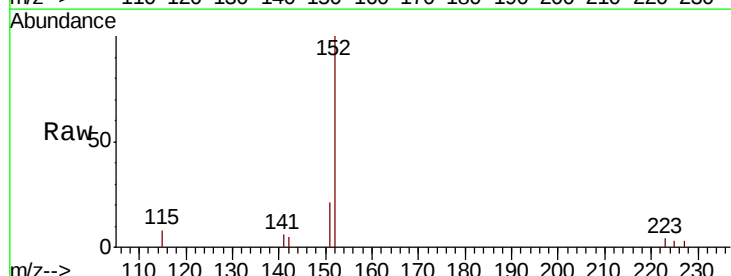


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

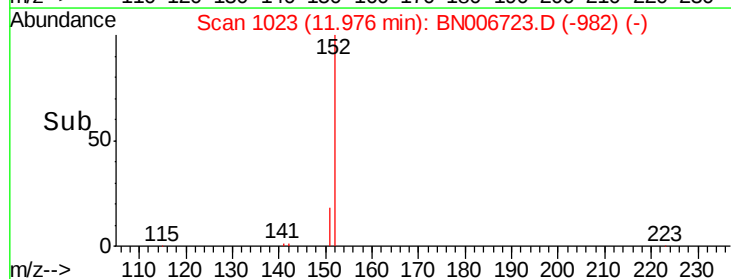
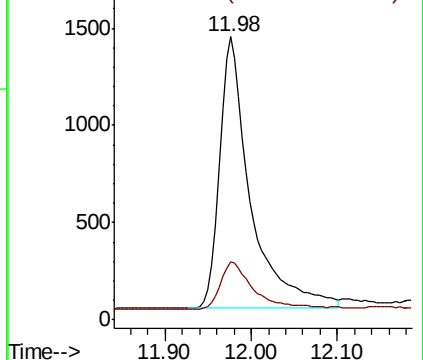


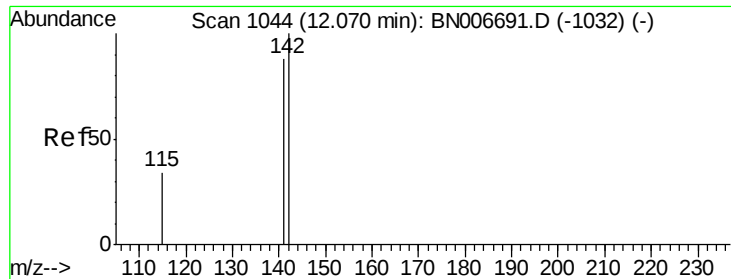
#11
2-Methylnaphthalene-d10
Concen: 0.212 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion: 152 Resp: 3486
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





#12

2-Methylnaphthalene

Concen: 0.047 ng

RT: 12.05 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Instrument :

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ClientSampleId :

PST-016-B237-062619

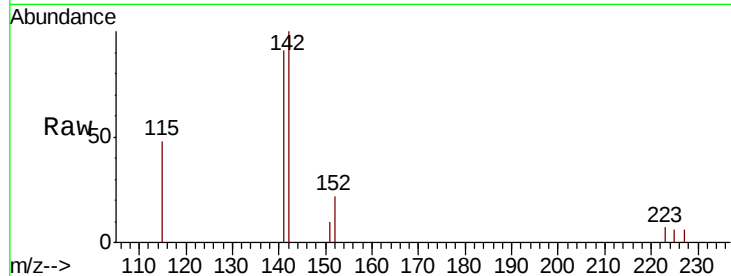
Tgt Ion:142 Resp: 1831

Ion Ratio Lower Upper

142 100

141 91.4 70.3 105.5

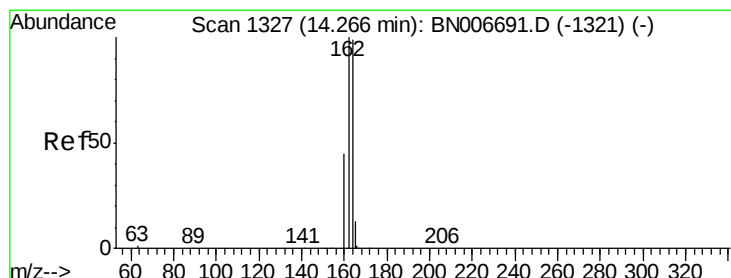
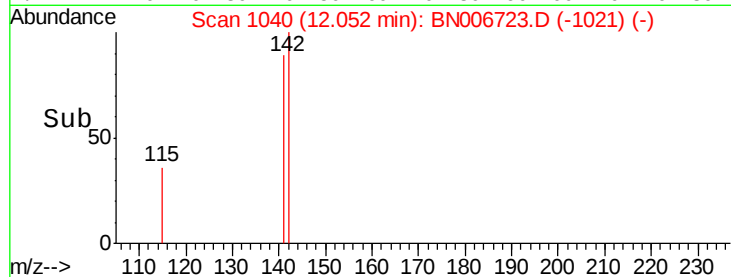
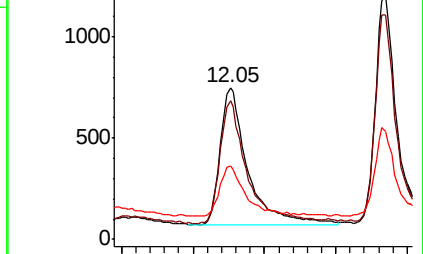
115 48.1 28.9 43.3#



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: BN006723.D

Acq: 05 Jul 2019 19:26

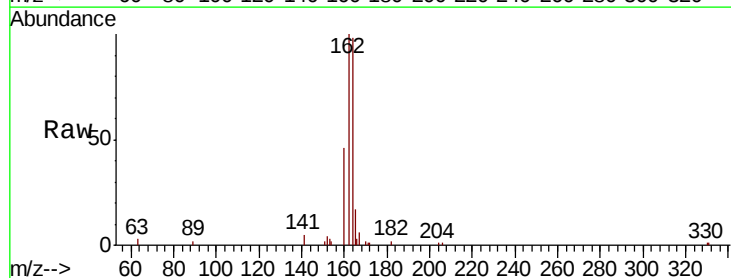
Tgt Ion:164 Resp: 6924

Ion Ratio Lower Upper

164 100

162 101.9 80.8 121.2

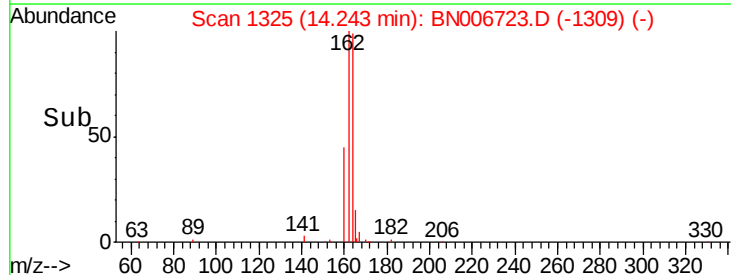
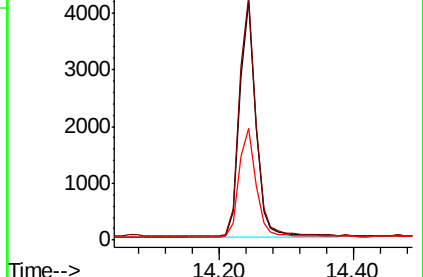
160 46.5 37.0 55.6

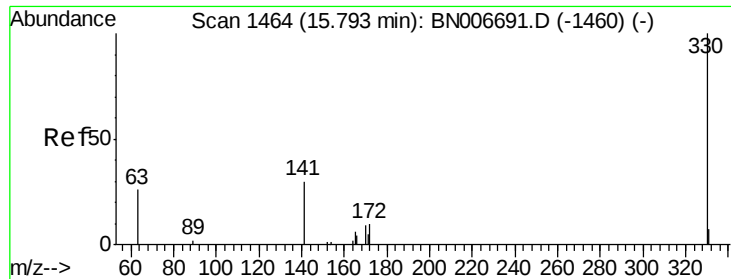


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

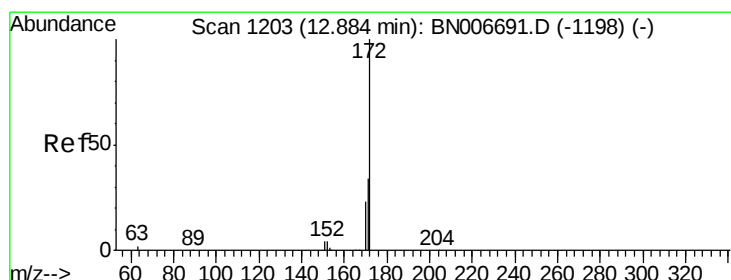
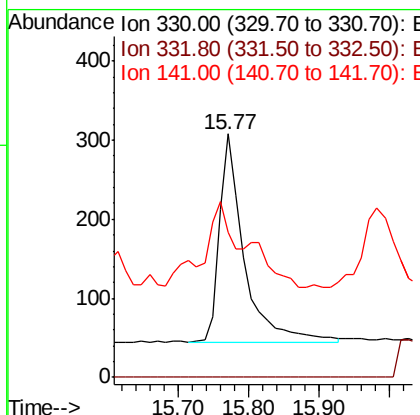
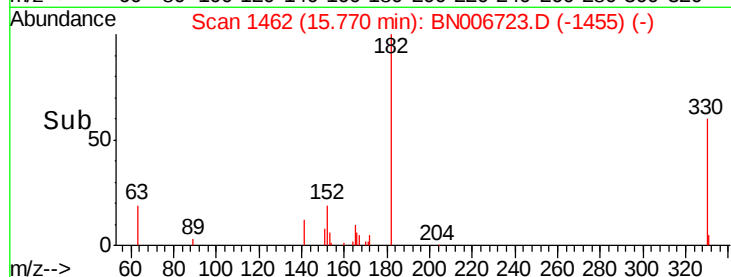
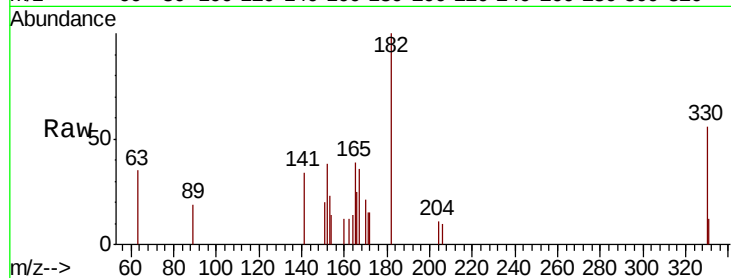




#14
 2,4,6-Tribromophenol
 Concen: 0.190 ng
 RT: 15.77 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BN006723.D
 Acq: 05 Jul 2019 19:26

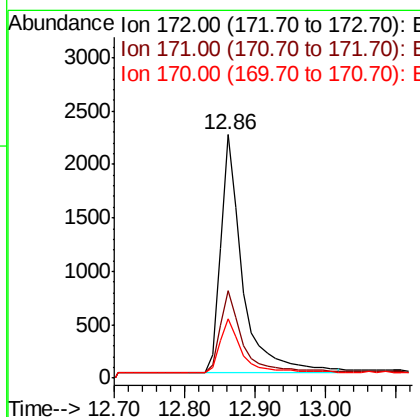
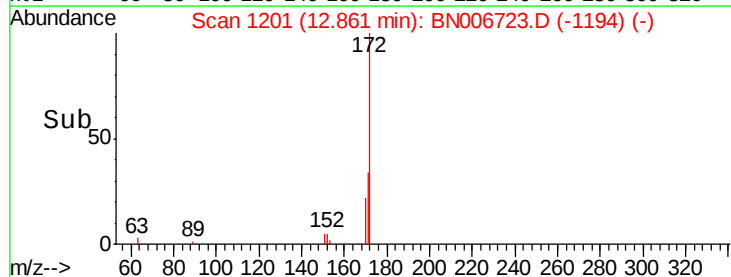
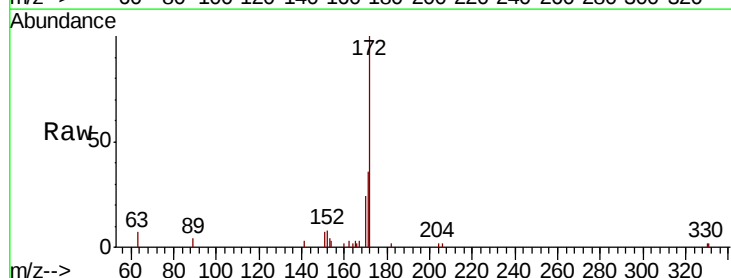
Instrument :
 BNA_N
 ClientSampleId :
 PST-016-B237-062619

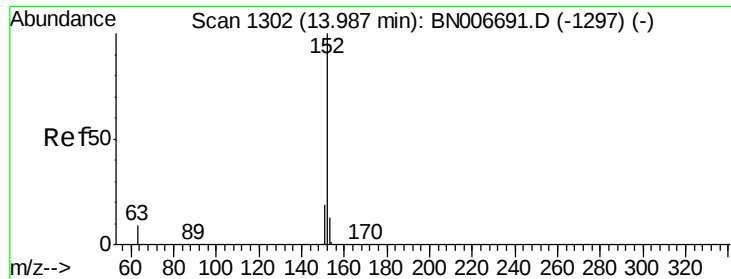
Tgt Ion:330 Resp: 647
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.5 24.8 37.2



#15
 2-Fluorobiphenyl
 Concen: 0.181 ng
 RT: 12.86 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BN006723.D
 Acq: 05 Jul 2019 19:26

Tgt Ion:172 Resp: 4903
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.8 41.6
 170 24.3 18.9 28.3





#16

Acenaphthylene

Concen: 0.180 ng

RT: 13.96 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Instrument :

BNA_N

ClientSampleId :

PST-016-B237-062619

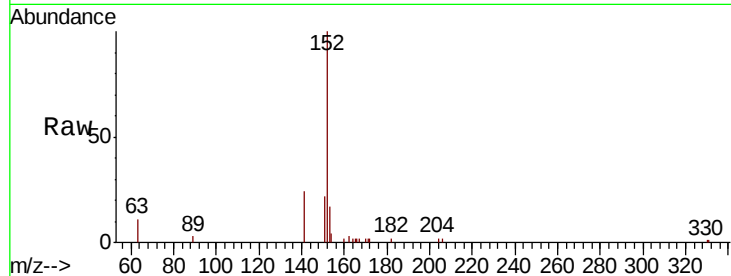
Tgt Ion:152 Resp: 6216

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

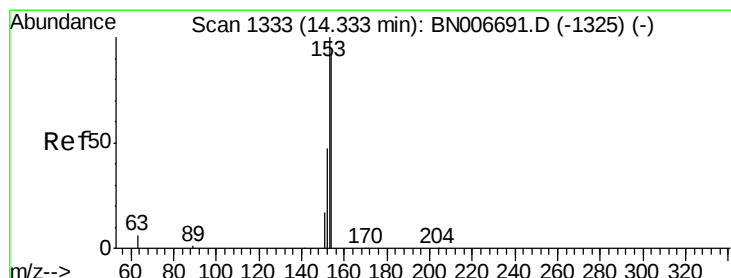
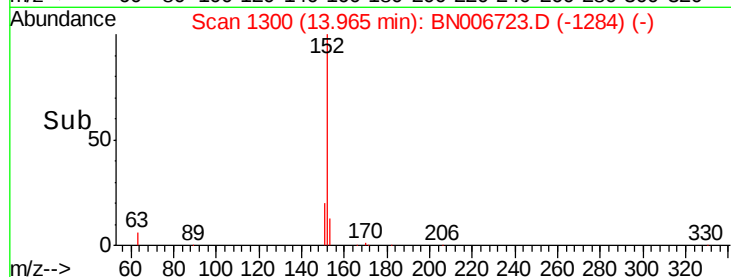
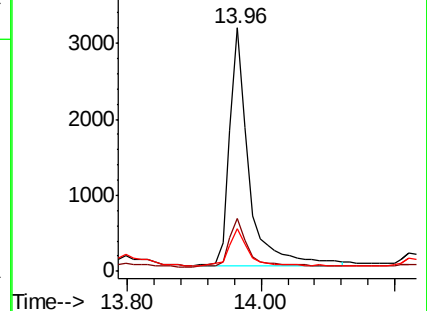
153 14.7 10.6 15.8



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: 0.089 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

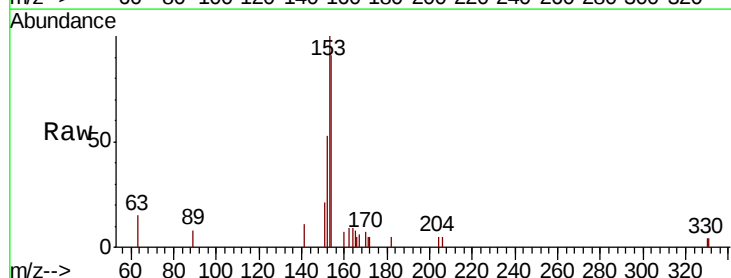
Tgt Ion:154 Resp: 1951

Ion Ratio Lower Upper

154 100

153 116.0 88.9 133.3

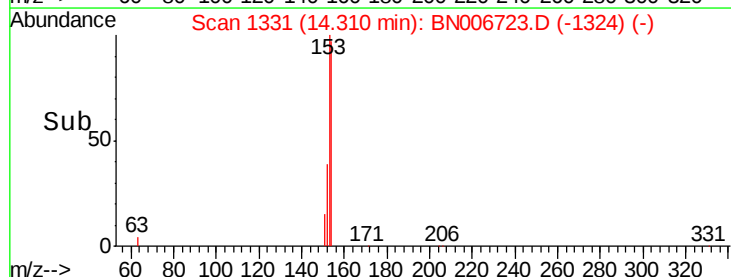
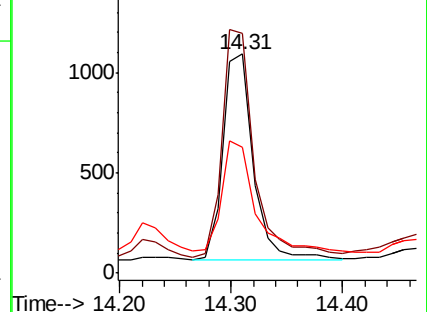
152 59.5 42.8 64.2

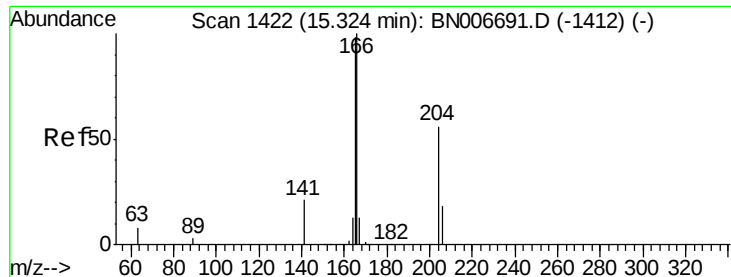


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.140 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Instrument :

BNA_N

ClientSampleId :

PST-016-B237-062619

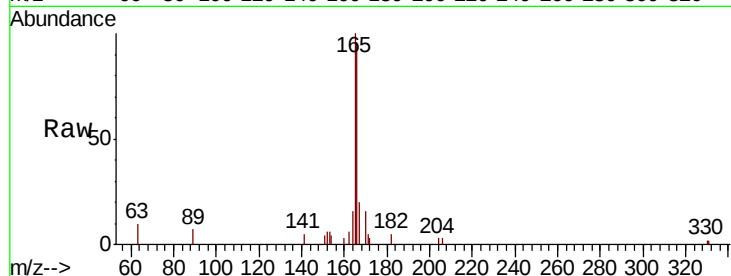
Tgt Ion:166 Resp: 3827

Ion Ratio Lower Upper

166 100

165 101.0 78.0 117.0

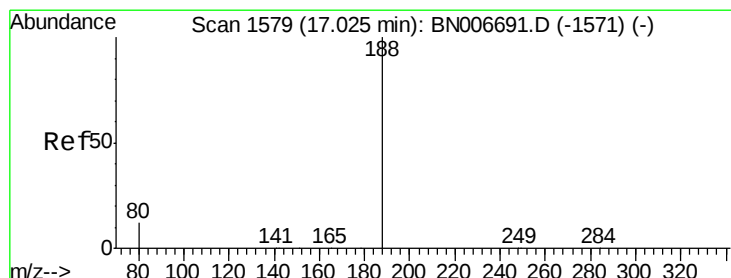
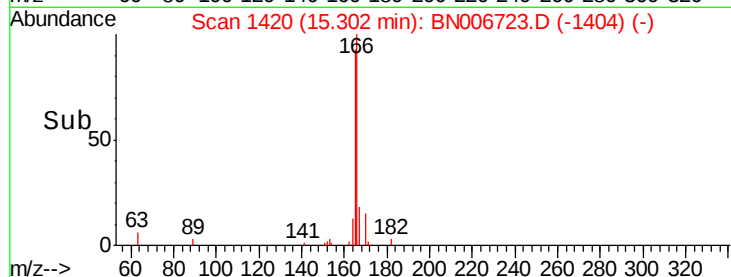
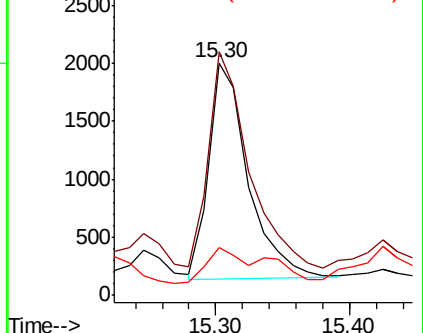
167 25.3 10.7 16.1#



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: BN006723.D

Acq: 05 Jul 2019 19:26

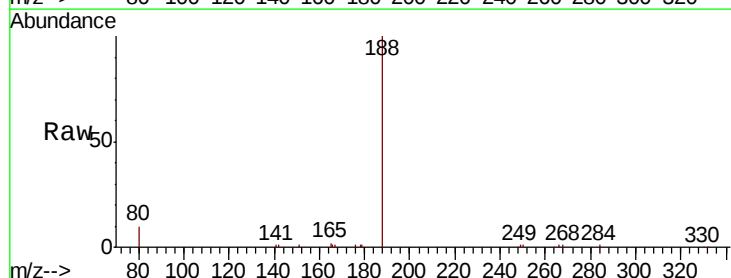
Tgt Ion:188 Resp: 16133

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

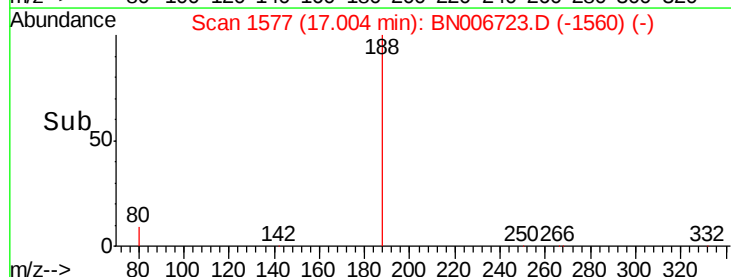
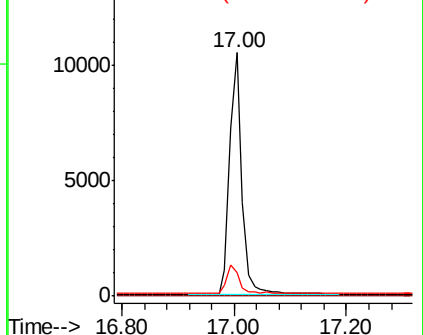
80 9.8 10.3 15.5#

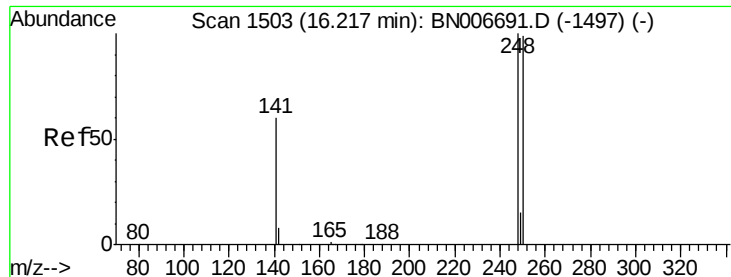


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.21 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

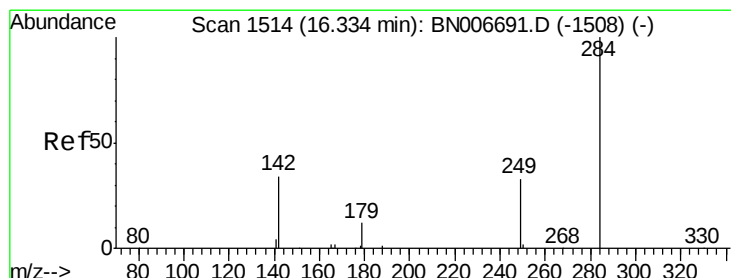
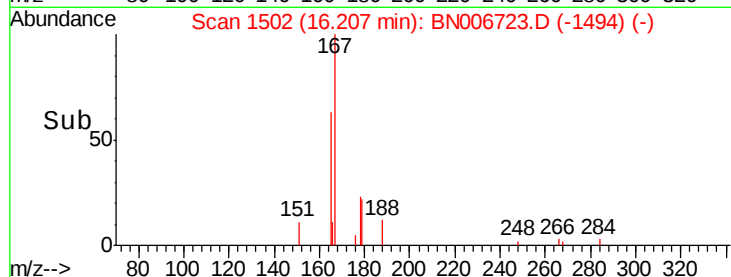
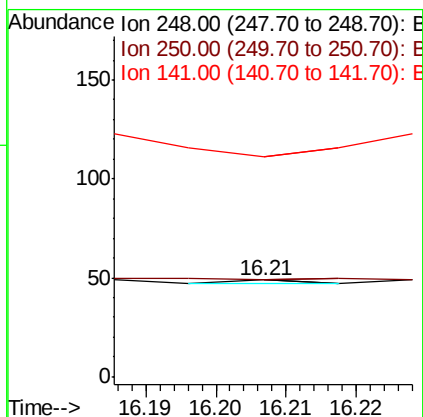
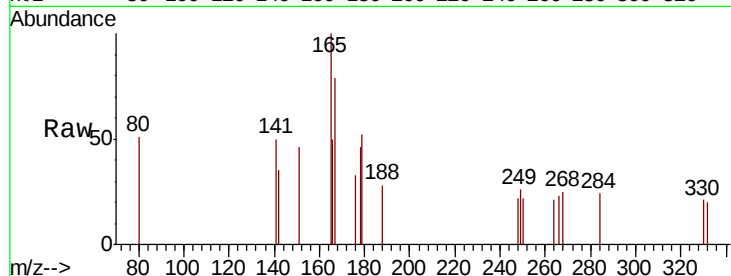
Instrument :

BNA_N

ClientSampleId :

PST-016-B237-062619

Tgt Ion:	248	Resp:	1
Ion	Ratio	Lower	Upper
248	100		
250	100.0	79.0	118.6
141	226.5	50.2	75.4#



#21

Hexachlorobenzene

Concen: 0.001 ng

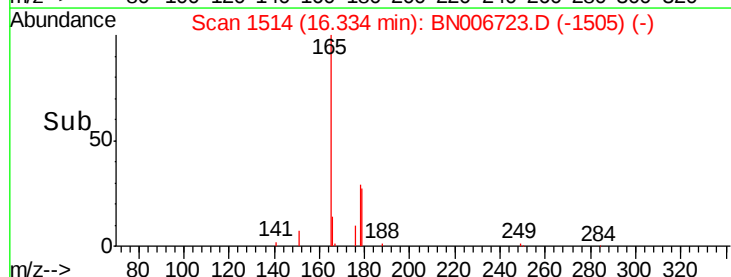
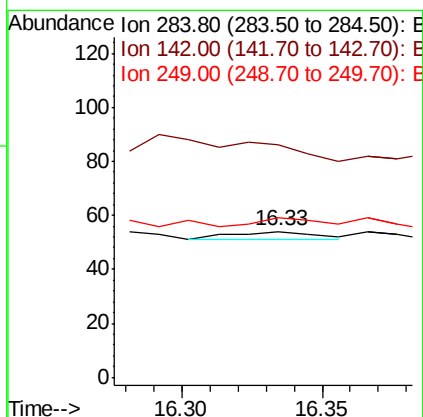
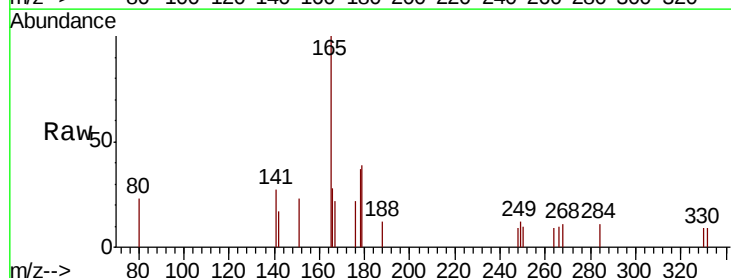
RT: 16.33 min Scan# 1514

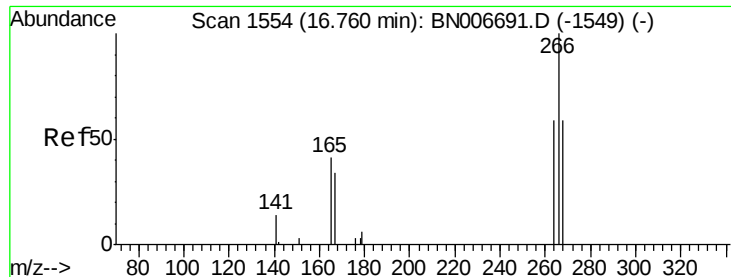
Delta R.T. -0.00 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Tgt Ion:	284	Resp:	6
Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.9	40.3#
249	66.7	24.4	36.6#





#22

Pentachlorophenol

Concen: 0.122 ng

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

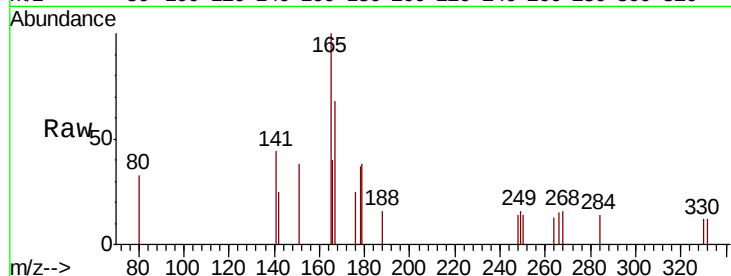
Instrument :

BNA_N

ClientSampleId :

PST-016-B237-062619

Tgt Ion:	266	Resp:	17
Ion	Ratio	Lower	Upper
266	100		
264	85.7	57.6	86.4
268	108.9	66.6	99.8#

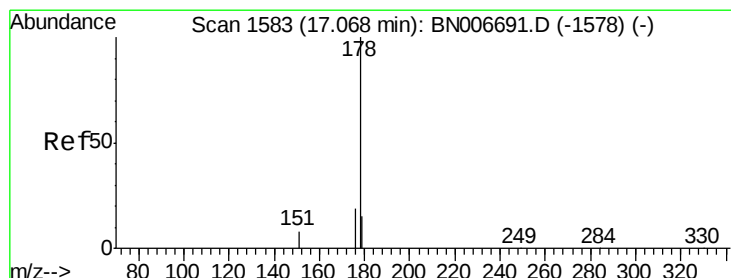
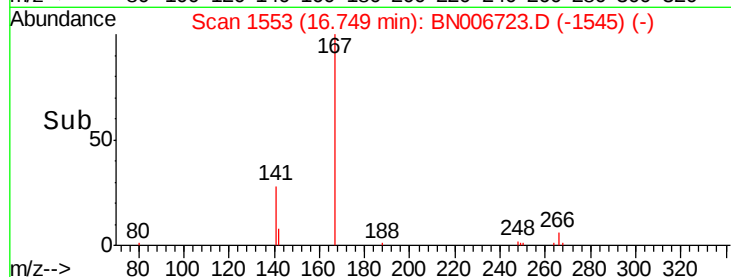
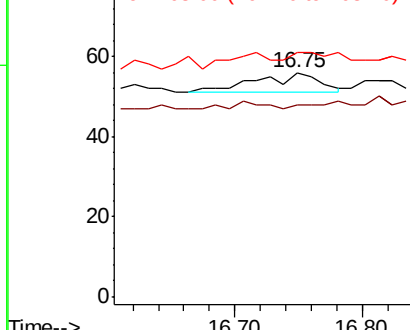


Abundance

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: 2.537 ng

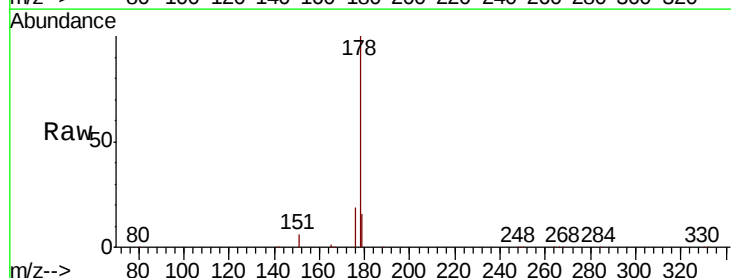
RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Tgt Ion:	178	Resp:	117985
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.3	12.4	18.6

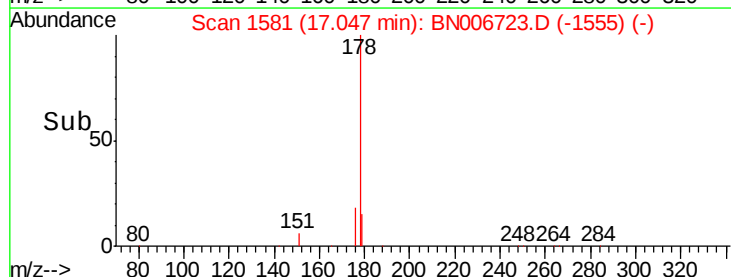
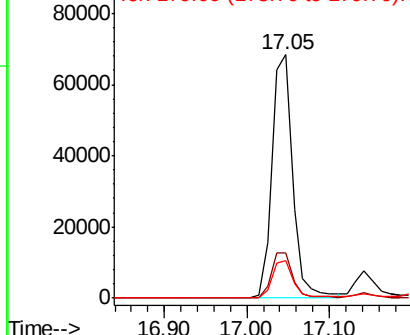


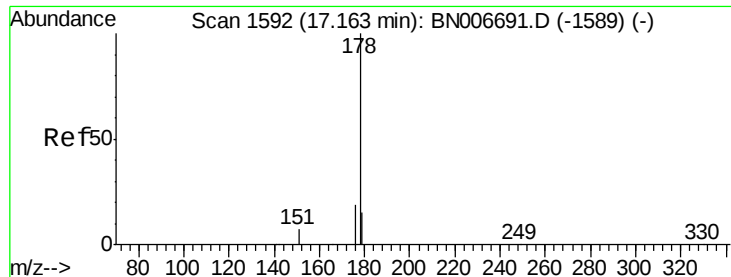
Abundance

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: 0.302 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Instrument :

BNA_N

ClientSampleId :

PST-016-B237-062619

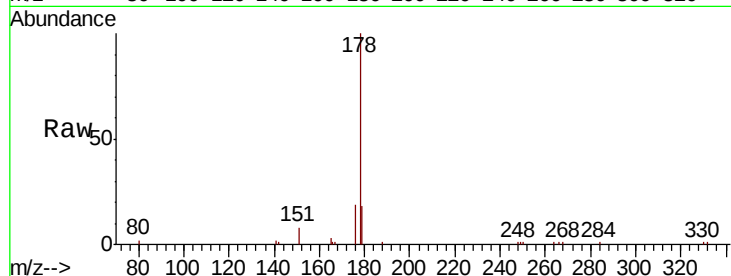
Tgt Ion:178 Resp: 12694

Ion Ratio Lower Upper

178 100

176 17.6 14.8 22.2

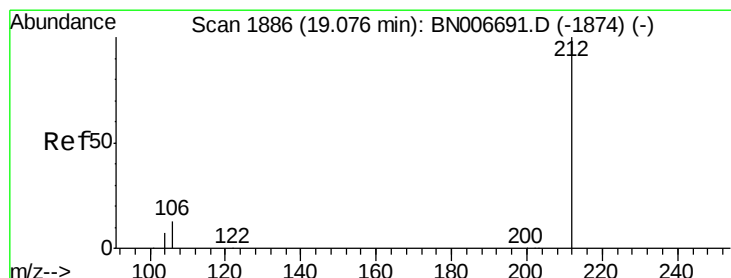
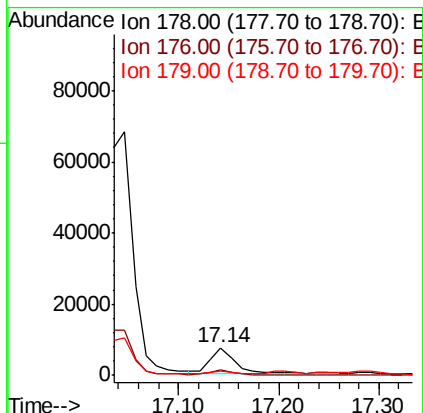
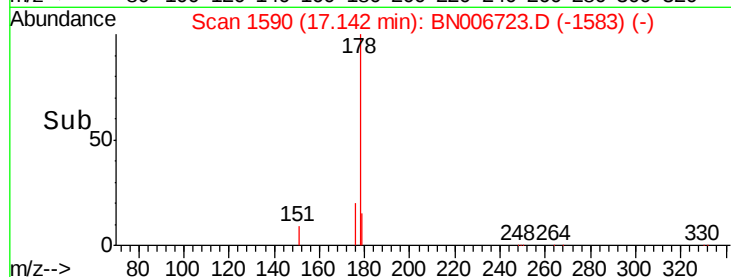
179 11.2 11.9 17.9#



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: 0.180 ng

RT: 19.05 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

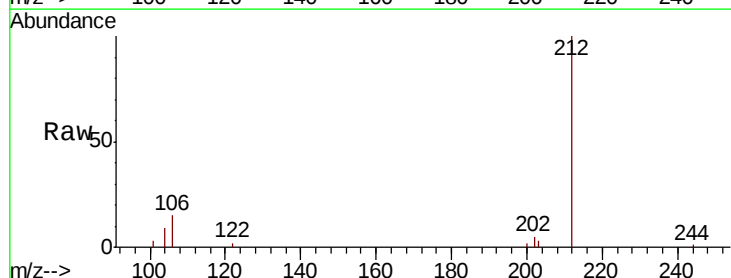
Tgt Ion:212 Resp: 8323

Ion Ratio Lower Upper

212 100

106 13.8 11.0 16.6

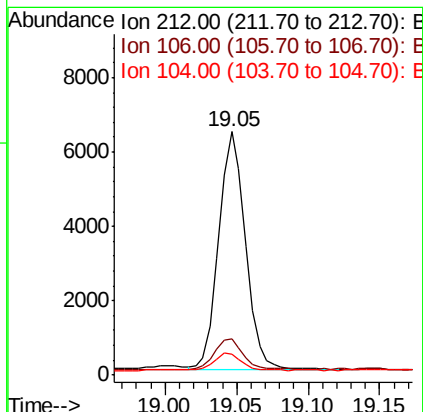
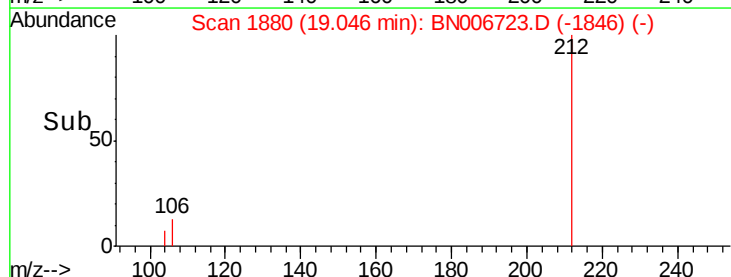
104 7.5 6.1 9.1

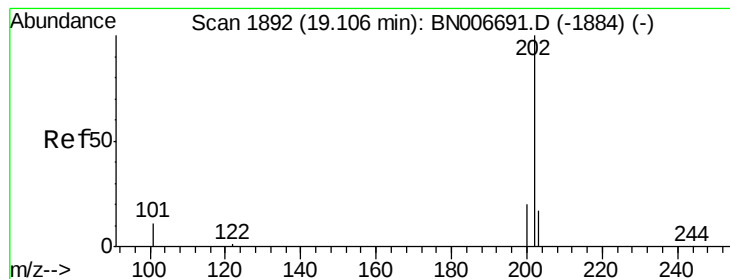


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 2.122 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.03 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Instrument :

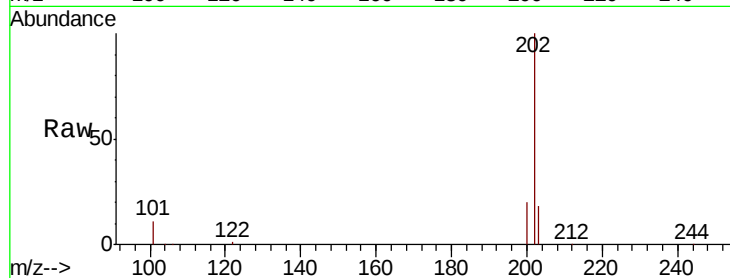
BNA_N

ClientSampleId :

PST-016-B237-062619

Tgt Ion: 202 Resp: 115837

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.7	13.1
203	17.8	13.8	20.6

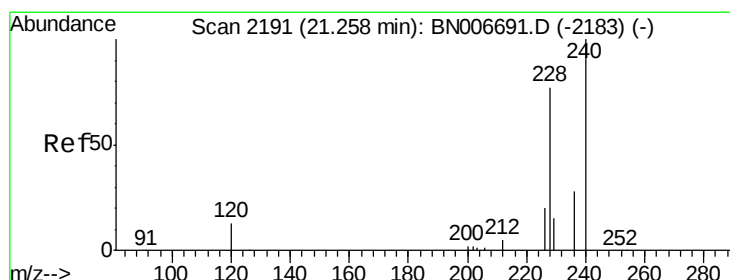
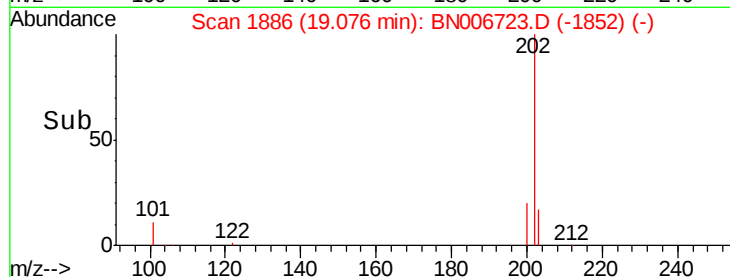
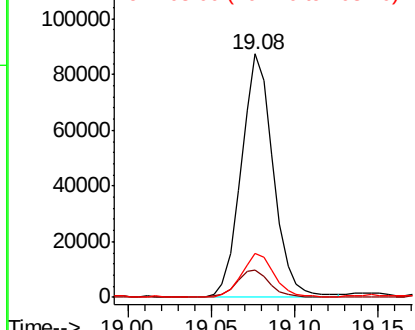


Abundance

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

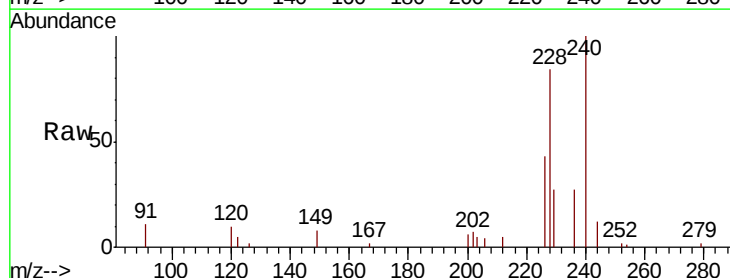
Delta R.T. -0.03 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Tgt Ion: 240 Resp: 16027

Ion	Ratio	Lower	Upper
240	100		
120	9.8	12.9	19.3#
236	27.4	23.2	34.8

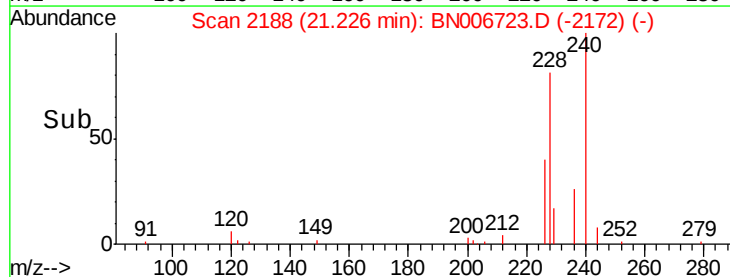
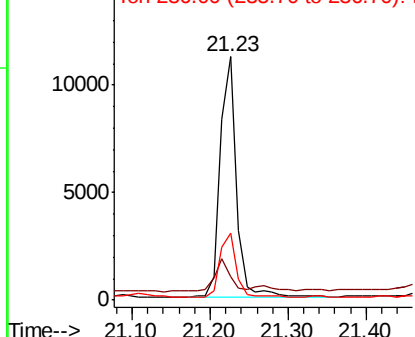


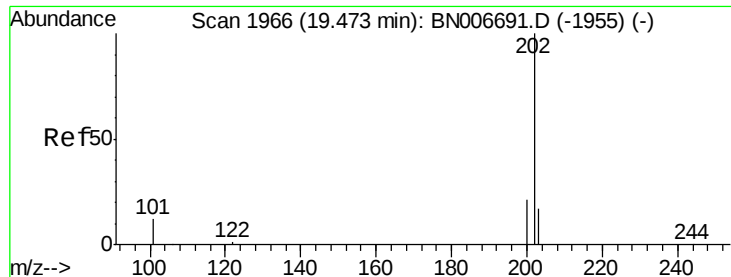
Abundance

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

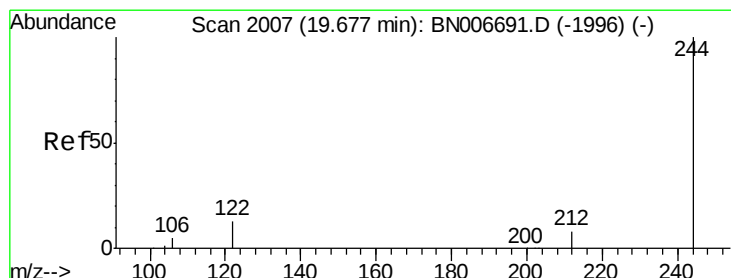
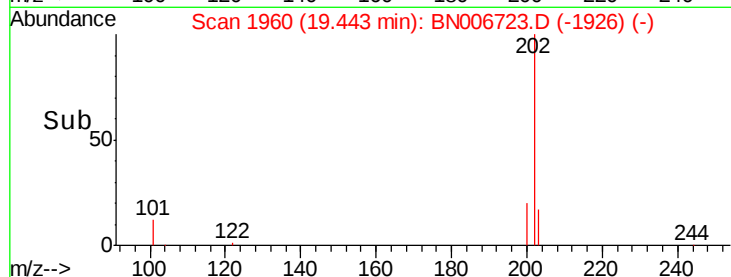
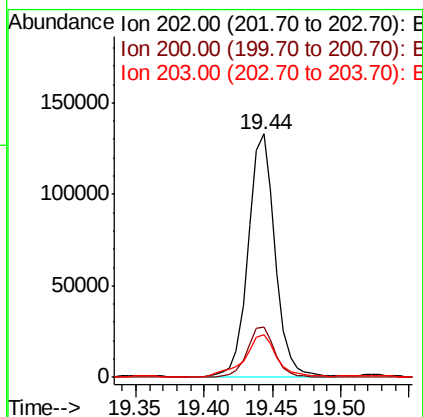
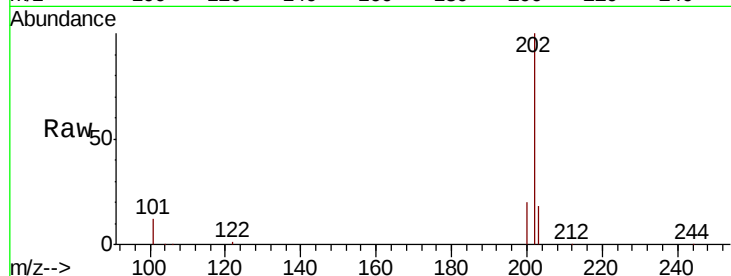




#28
Pyrene
Concen: 2.825 ng
RT: 19.44 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

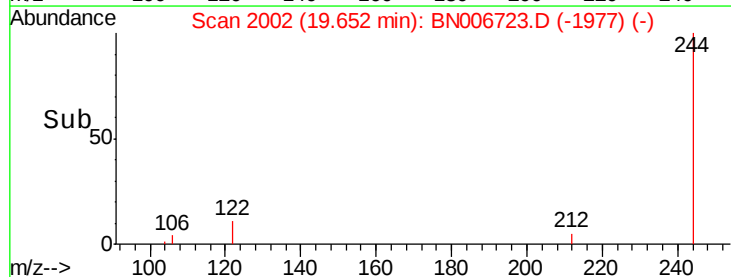
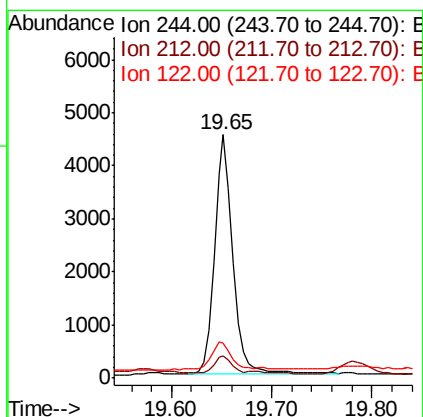
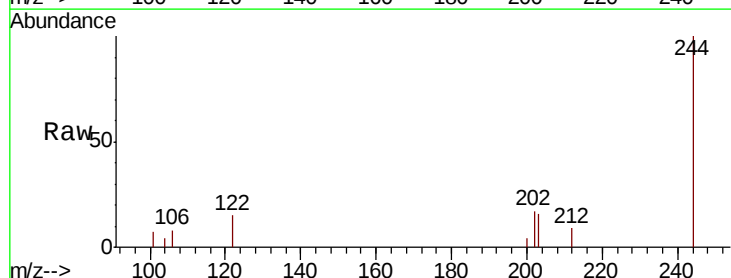
Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

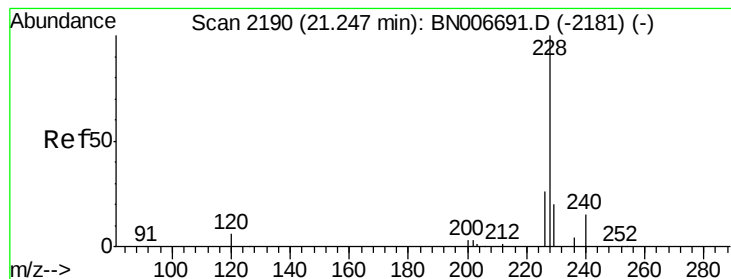
Tgt Ion: 202 Resp: 181208
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 20.7 14.2 21.2



#29
Terphenyl-d14
Concen: 0.158 ng
RT: 19.65 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion: 244 Resp: 5828
Ion Ratio Lower Upper
244 100
212 9.1 7.0 10.4
122 14.6 11.5 17.3





#30

Benzo(a)anthracene

Concen: 1.259 ng

RT: 21.20 min Scan# 2186

Delta R.T. -0.04 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Instrument :

BNA_N

ClientSampleId :

PST-016-B237-062619

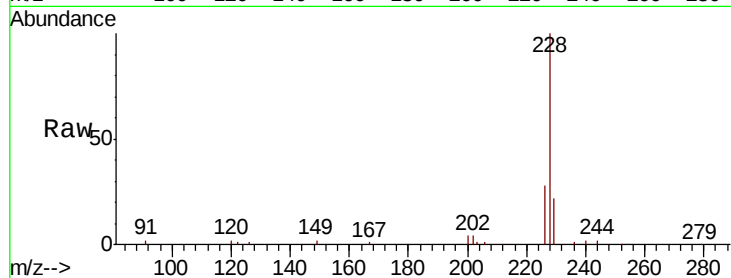
Tgt Ion:228 Resp: 69570

Ion Ratio Lower Upper

228 100

226 28.0 21.5 32.3

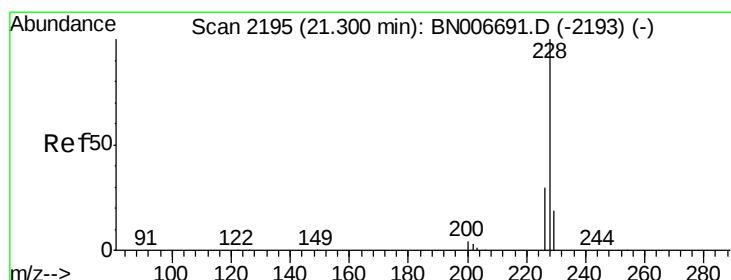
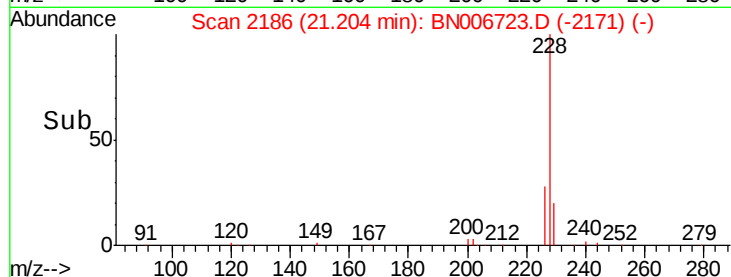
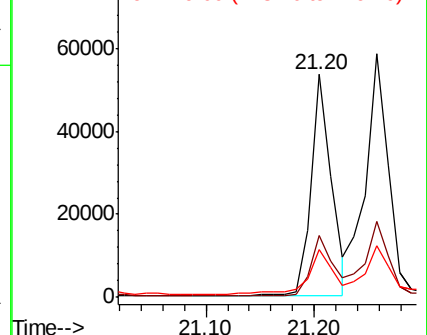
229 21.6 16.2 24.4



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: 1.513 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

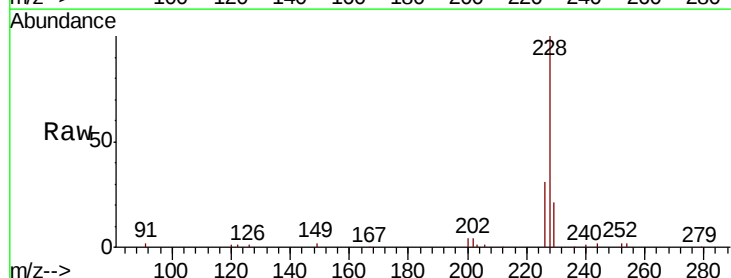
Tgt Ion:228 Resp: 86179

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.2

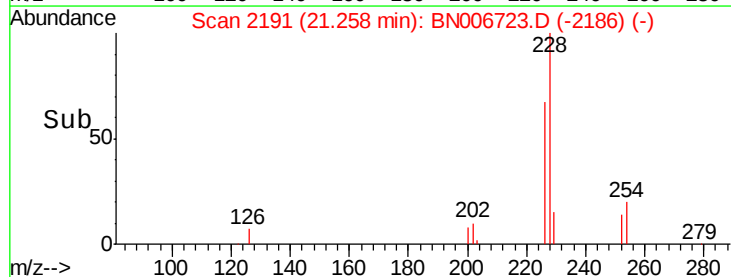
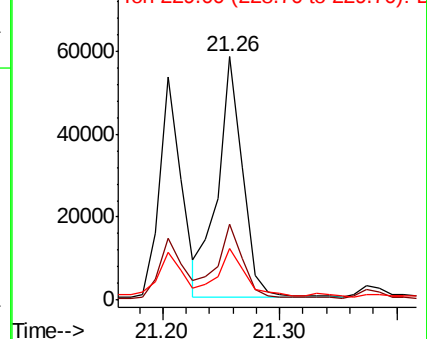
229 21.1 15.8 23.6

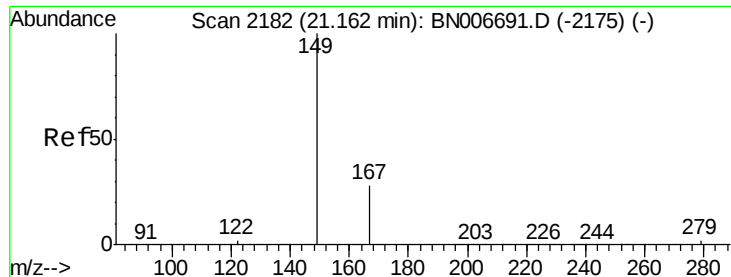


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

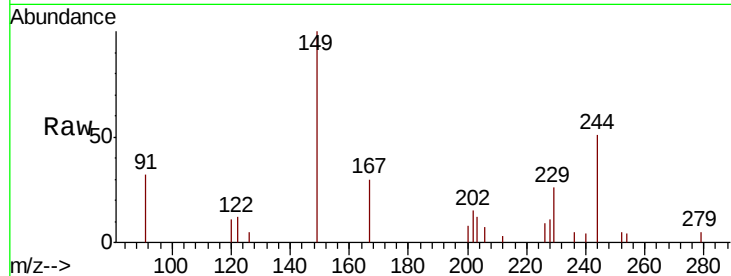




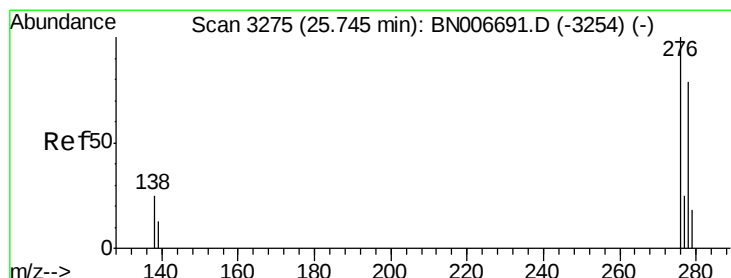
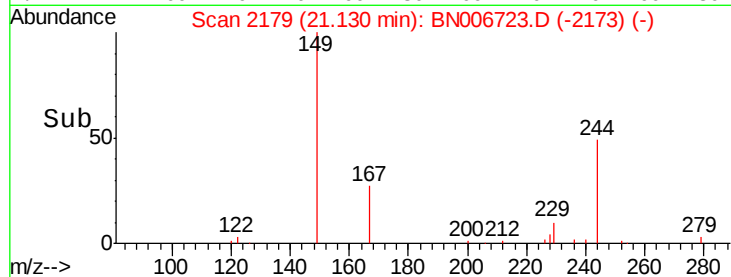
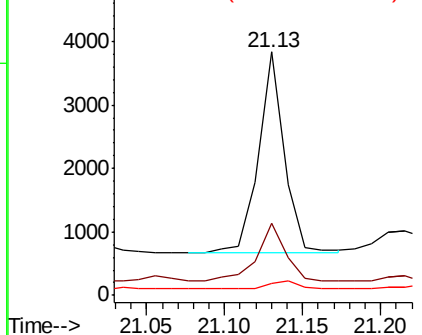
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.022 ng
 RT: 21.13 min Scan# 2179
 Delta R.T. -0.03 min
 Lab File: BN006723.D
 Acq: 05 Jul 2019 19:26

Instrument :
 BNA_N
 ClientSampleId :
 PST-016-B237-062619

Tgt Ion:149 Resp: 3599
 Ion Ratio Lower Upper
 149 100
 167 31.1 22.9 34.3
 279 4.5 3.2 4.8

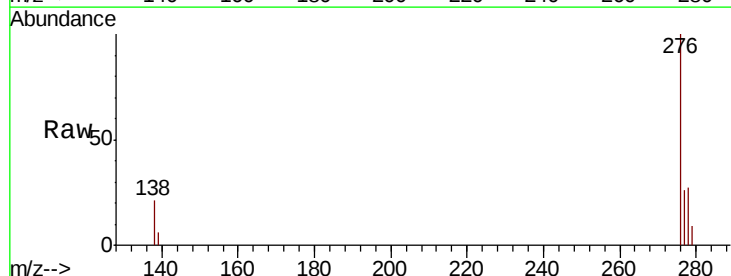


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

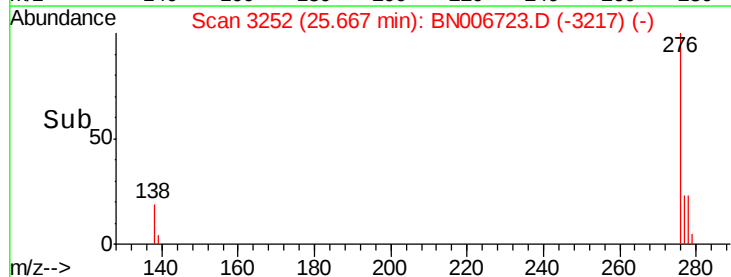
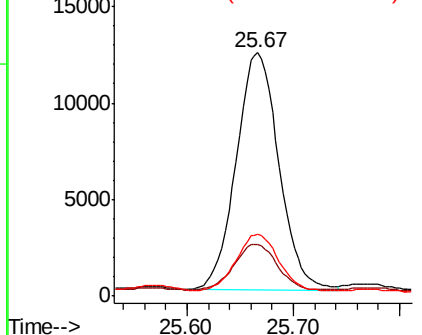


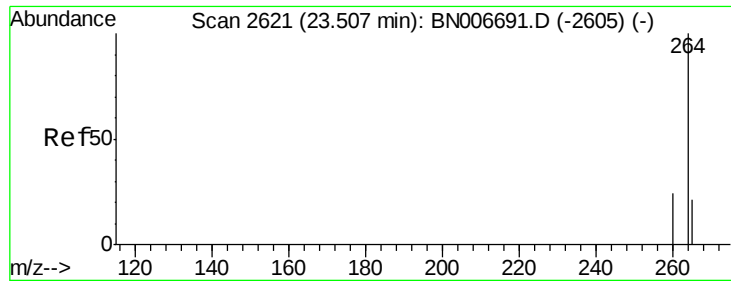
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.506 ng
 RT: 25.67 min Scan# 3252
 Delta R.T. -0.08 min
 Lab File: BN006723.D
 Acq: 05 Jul 2019 19:26

Tgt Ion:276 Resp: 34454
 Ion Ratio Lower Upper
 276 100
 138 19.7 19.5 29.3
 277 23.5 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

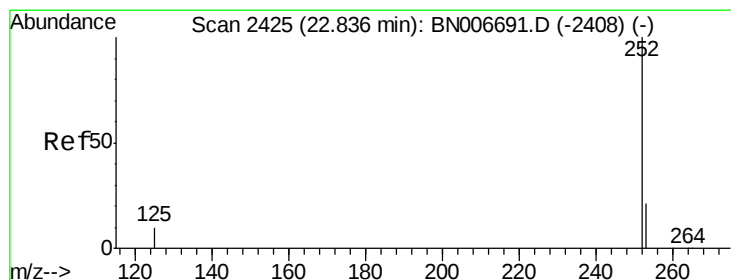
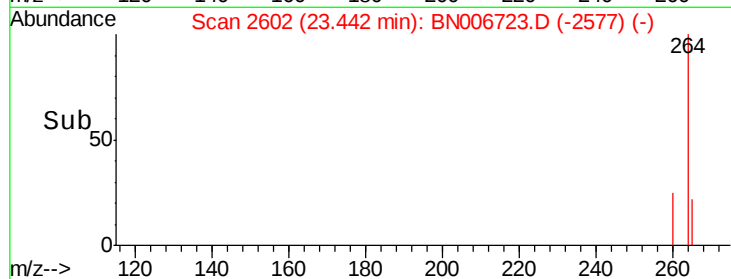
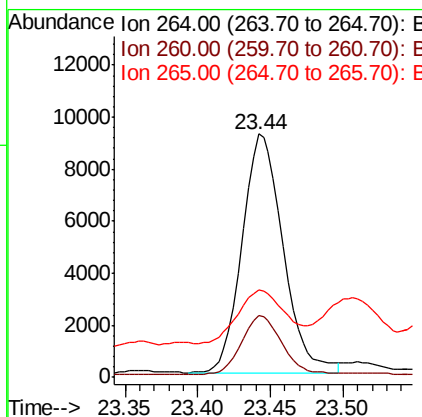
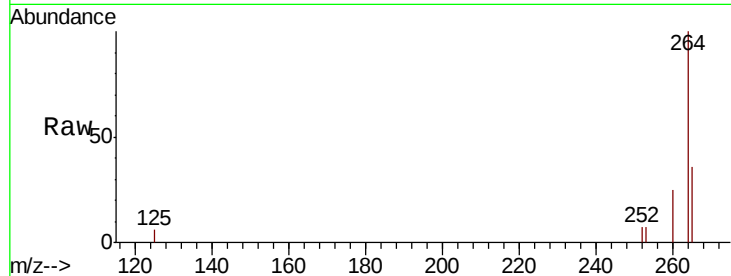




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.44 min Scan# 2602
 Delta R.T. -0.07 min
 Lab File: BN006723.D
 Acq: 05 Jul 2019 19:26

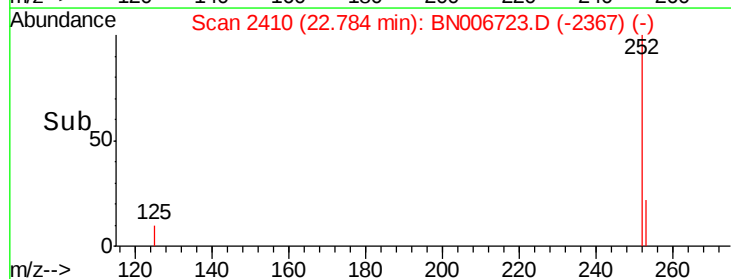
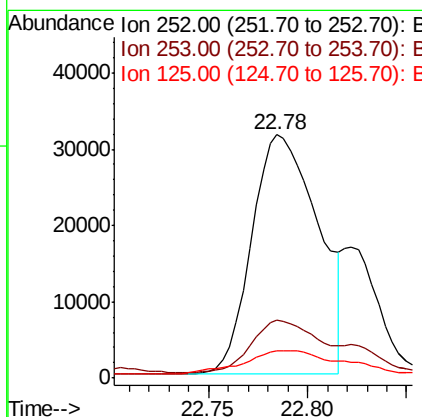
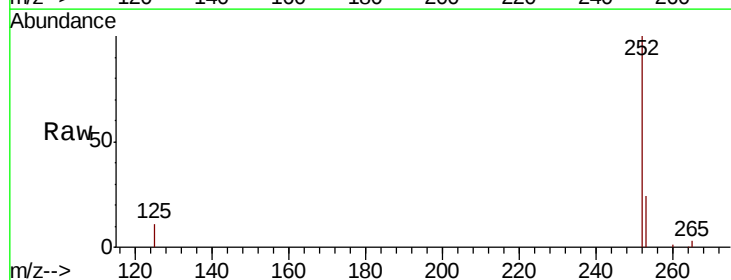
Instrument :
 BNA_N
 ClientSampleId :
 PST-016-B237-062619

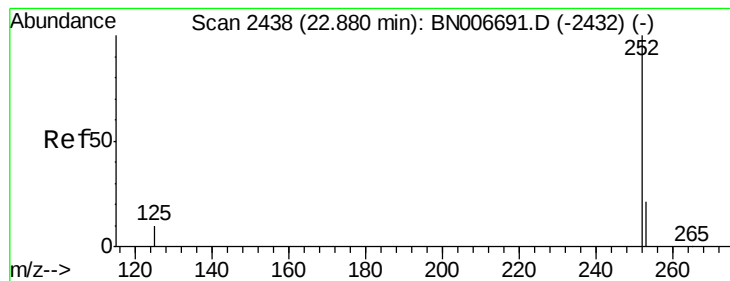
Tgt Ion: 264 Resp: 17987
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 35.7 33.7 50.5



#35
 Benzo(b)fluoranthene
 Concen: 1.264 ng
 RT: 22.78 min Scan# 2410
 Delta R.T. -0.05 min
 Lab File: BN006723.D
 Acq: 05 Jul 2019 19:26

Tgt Ion: 252 Resp: 72958
 Ion Ratio Lower Upper
 252 100
 253 23.8 20.2 30.2
 125 11.4 11.5 17.3#





#36

Benzo(k)fluoranthene

Concen: 1.165 ng

RT: 22.78 min Scan# 2410

Delta R.T. -0.10 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Instrument :

BNA_N

ClientSampleId :

PST-016-B237-062619

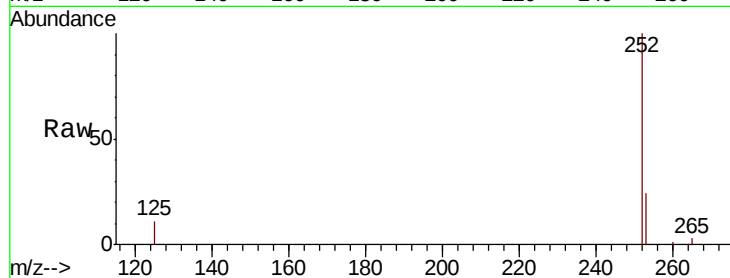
Tgt Ion:252 Resp: 72958

Ion Ratio Lower Upper

252 100

253 23.8 20.1 30.1

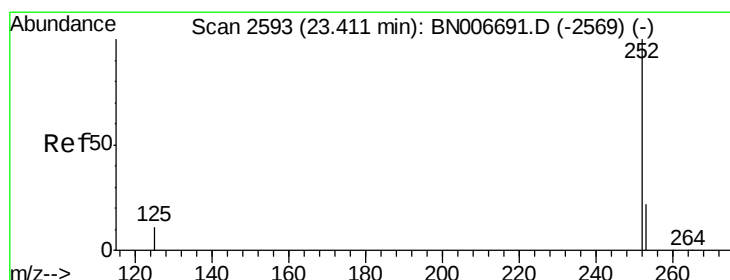
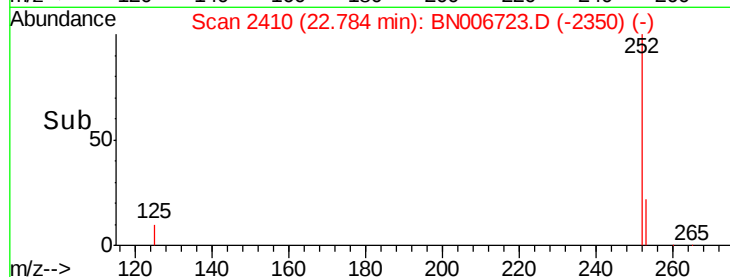
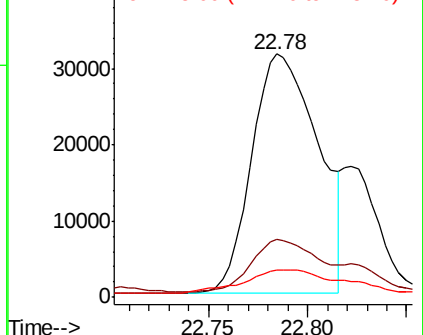
125 11.4 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.840 ng

RT: 23.25 min Scan# 2547

Delta R.T. -0.16 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

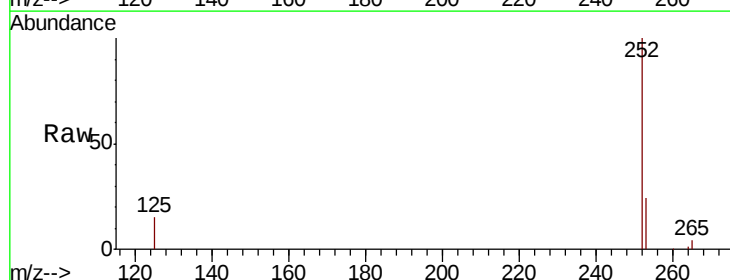
Tgt Ion:252 Resp: 46973

Ion Ratio Lower Upper

252 100

253 24.2 21.4 32.2

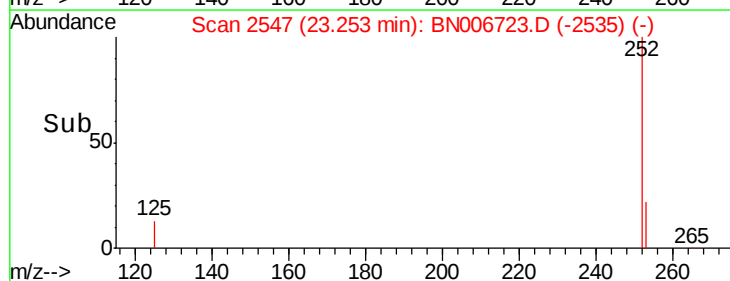
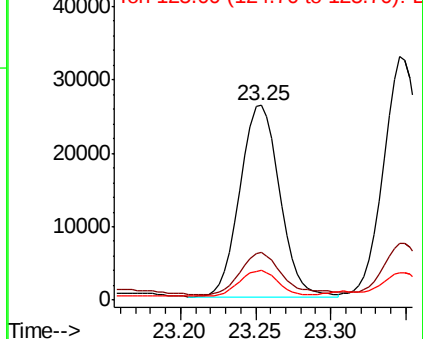
125 15.0 13.3 19.9

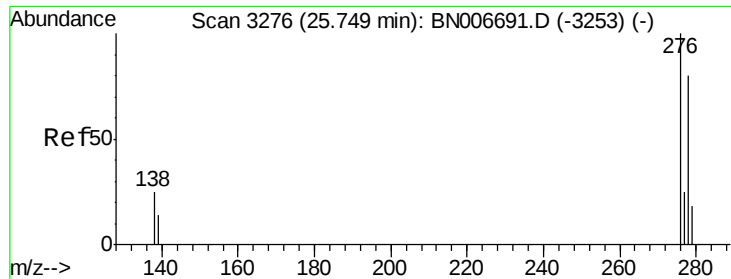


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.194 ng

RT: 25.67 min Scan# 3252

Delta R.T. -0.08 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

Instrument :

BNA_N

ClientSampleId :

PST-016-B237-062619

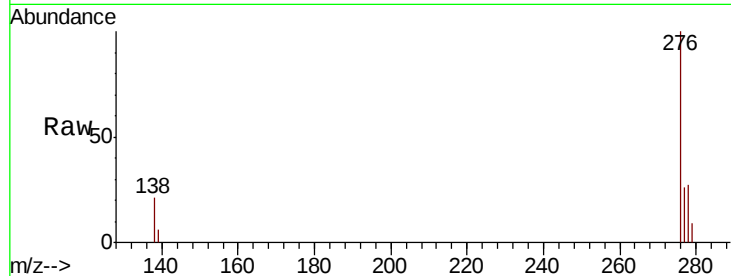
Tgt Ion:278 Resp: 10754

Ion Ratio Lower Upper

278 100

139 23.2 16.2 24.4

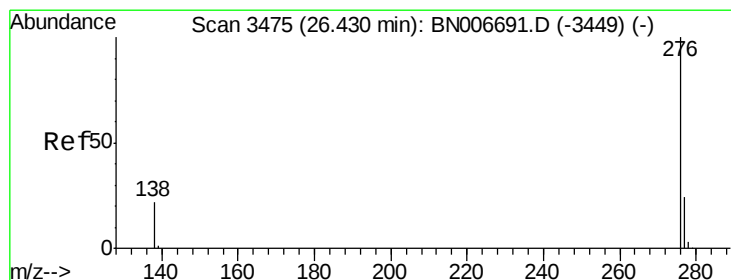
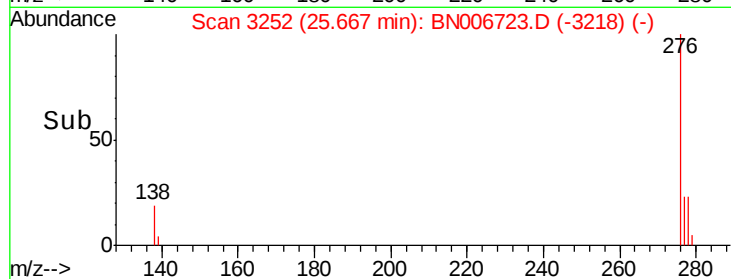
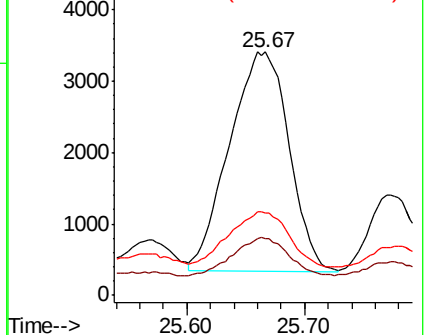
279 34.0 20.7 31.1#



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: 0.707 ng

RT: 26.34 min Scan# 3449

Delta R.T. -0.09 min

Lab File: BN006723.D

Acq: 05 Jul 2019 19:26

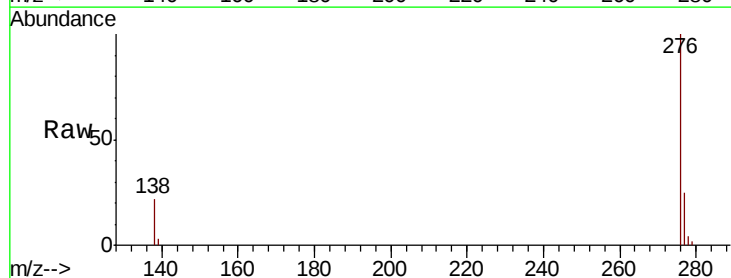
Tgt Ion:276 Resp: 40410

Ion Ratio Lower Upper

276 100

277 24.9 20.6 30.8

138 21.6 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

