

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006719.D
 Acq On : 05 Jul 2019 17:08
 Operator : HP/JU
 Sample : K3558-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-032-B204-062519MSD

Quant Time: Jul 05 22:51:29 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	3045	0.40	ng	-0.03
7) Naphthalene-d8	10.36	136	11585	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	6648	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	15449	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	16090	0.40	ng	-0.03
34) Perylene-d12	23.45	264	18788	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	1717	0.21	ng	-0.02
5) Phenol-d6	6.81	99	2374	0.23	ng	-0.02
8) Nitrobenzene-d5	8.63	82	235	0.03	ng	-0.16
11) 2-Methylnaphthalene-d10	11.97	152	4740	0.27	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	751	0.23	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	5112	0.20	ng	-0.02
25) Fluoranthene-d10	19.05	212	9074	0.21	ng	-0.02
29) Terphenyl-d14	19.66	244	6380	0.17	ng	-0.02

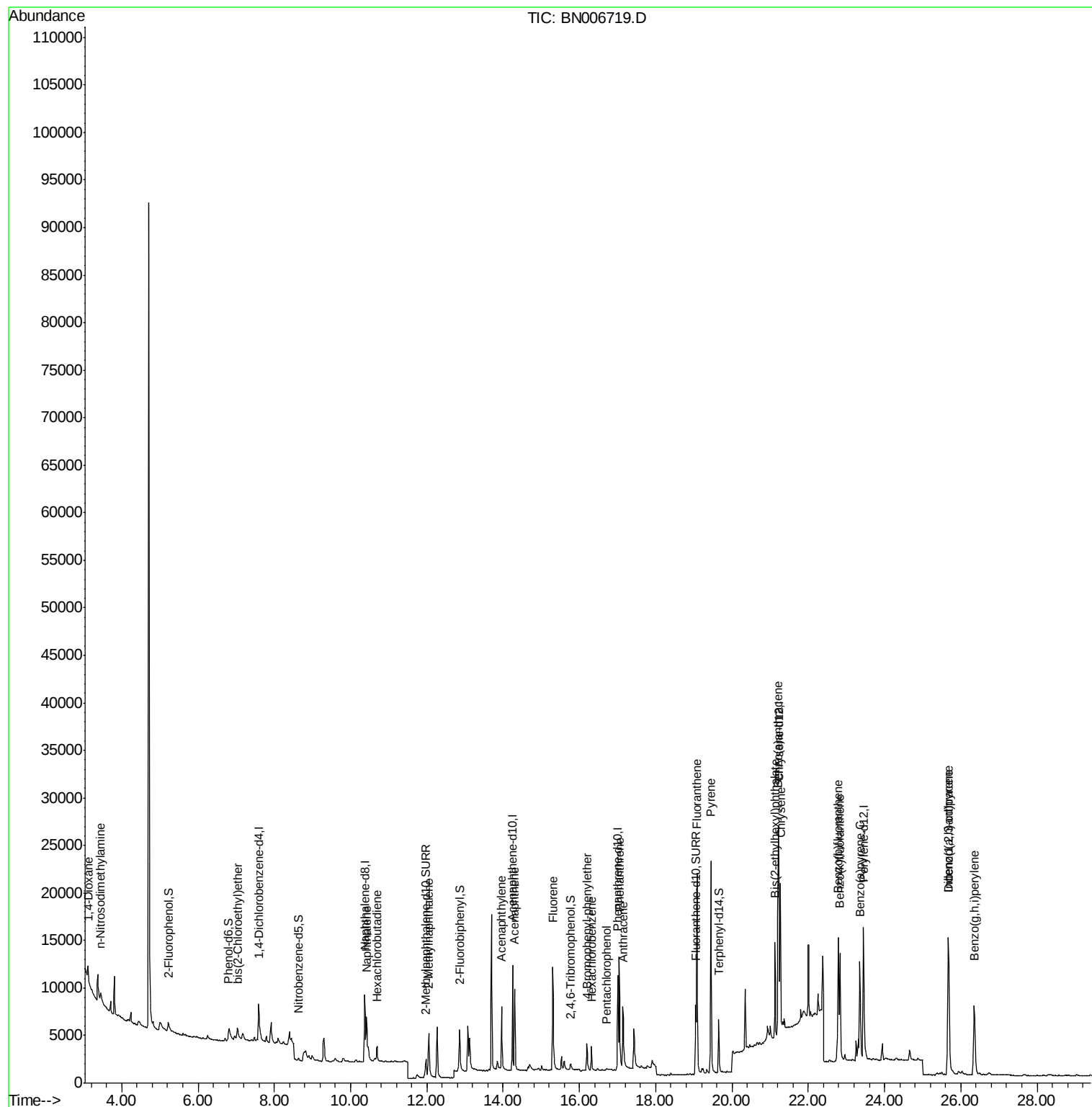
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	1015	0.213	ng	# 55
3) n-Nitrosodimethylamine	3.45	42	1086	0.303	ng	# 78
6) bis(2-Chloroethyl)ether	7.03	93	2055	0.232	ng	91
9) Naphthalene	10.41	128	7554	0.238	ng	98
10) Hexachlorobutadiene	10.69	225	1297	0.202	ng	# 99
12) 2-Methylnaphthalene	12.05	142	4868	0.195	ng	98
16) Acenaphthylene	13.96	152	8342	0.252	ng	99
17) Acenaphthene	14.30	154	4827	0.228	ng	97
18) Fluorene	15.30	166	6189	0.236	ng	98
20) 4-Bromophenyl-phenylether	16.20	248	1783	0.196	ng	96
21) Hexachlorobenzene	16.31	284	2063	0.191	ng	99
22) Pentachlorophenol	16.72	266	171	0.230	ng	91
23) Phenanthrene	17.05	178	13328	0.299	ng	100
24) Anthracene	17.14	178	9189	0.228	ng	99
26) Fluoranthene	19.08	202	20648	0.395	ng	99
28) Pyrene	19.45	202	21168	0.329	ng	99
30) Benzo(a)anthracene	21.22	228	15381	0.277	ng	98
31) Chrysene	21.27	228	16213	0.283	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	8608	0.052	ng	100
33) Indeno(1,2,3-cd)pyrene	25.67	276	18094	0.265	ng	97
35) Benzo(b)fluoranthene	22.79	252	17540	0.291	ng	99
36) Benzo(k)fluoranthene	22.83	252	15631	0.239	ng	98
37) Benzo(a)pyrene	23.36	252	16329	0.280	ng	99
38) Dibenzo(a,h)anthracene	25.68	278	12759	0.220	ng	98
39) Benzo(g,h,i)perylene	26.35	276	16151	0.270	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: BN006719.D

Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MSD

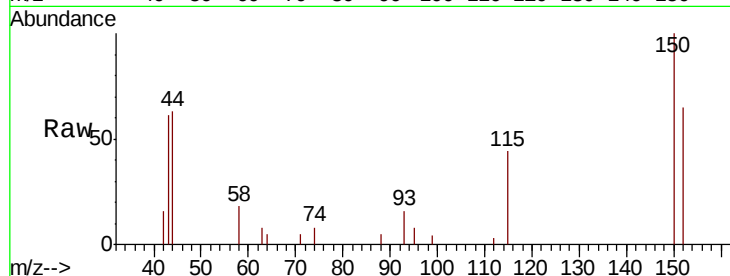
Tgt Ion:152 Resp: 3045

Ion Ratio Lower Upper

152 100

150 153.9 120.6 181.0

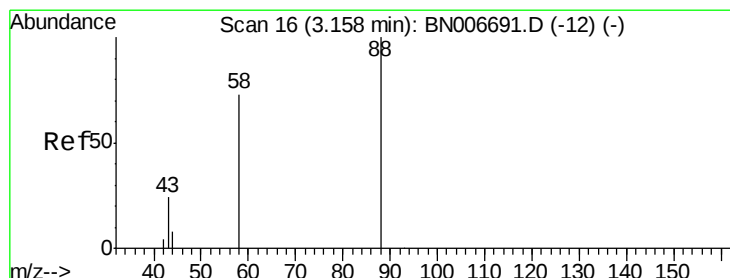
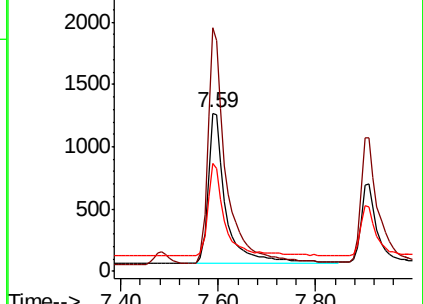
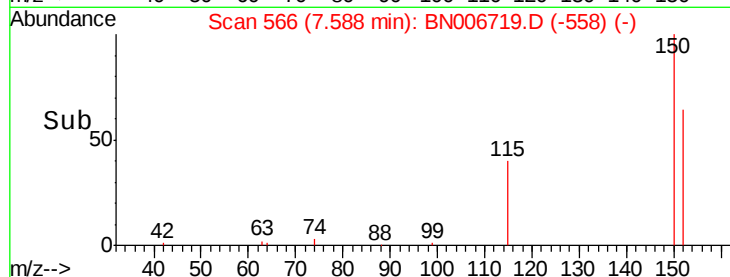
115 68.4 51.0 76.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.213 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

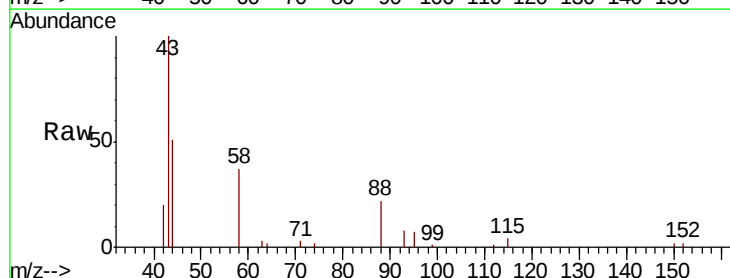
Tgt Ion: 88 Resp: 1015

Ion Ratio Lower Upper

88 100

58 105.9 61.1 91.7#

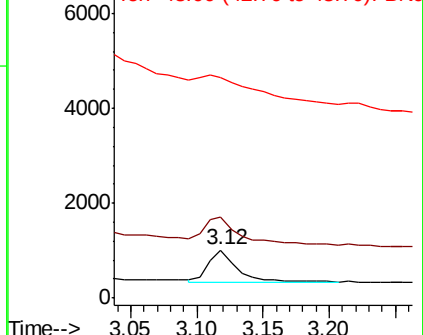
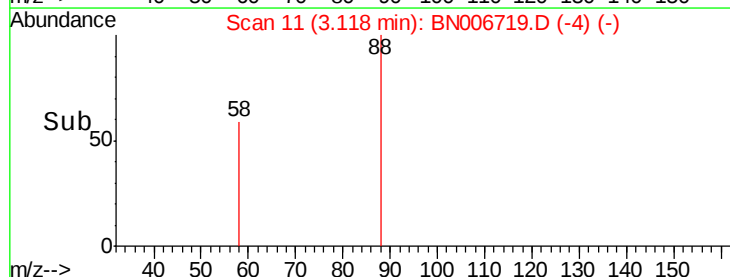
43 0.0 32.4 48.6#

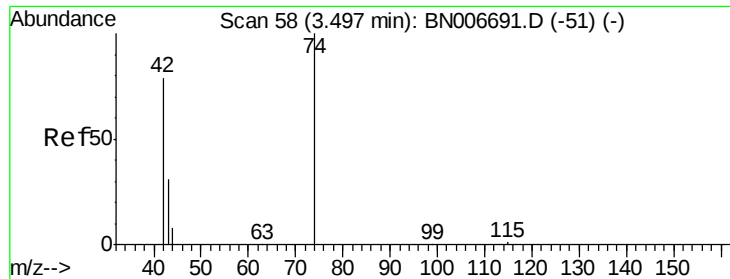


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.303 ng

RT: 3.45 min Scan# 52

Delta R.T. -0.05 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

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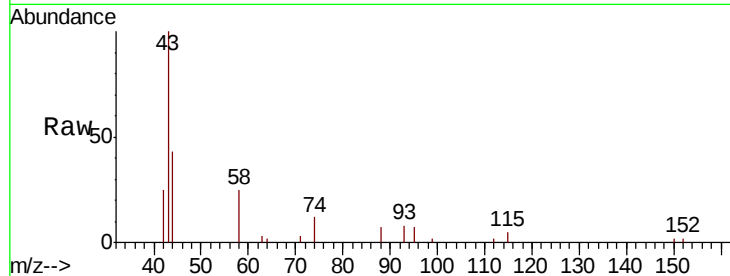
Tgt Ion: 42 Resp: 1086

Ion Ratio Lower Upper

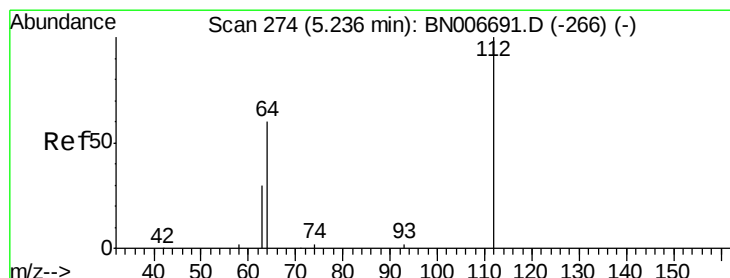
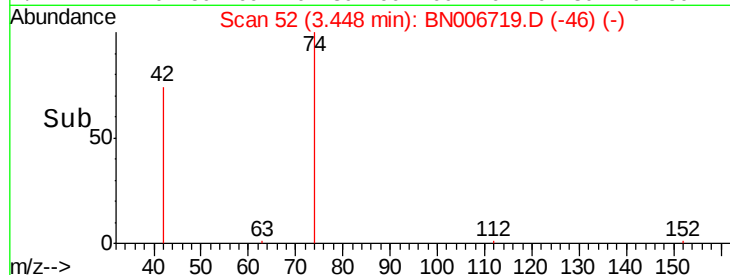
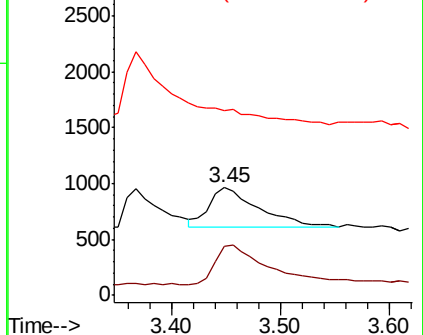
42 100

74 108.0 106.6 160.0

44 0.0 8.0 12.0#



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



#4

2-Fluorophenol

Concen: 0.208 ng

RT: 5.22 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

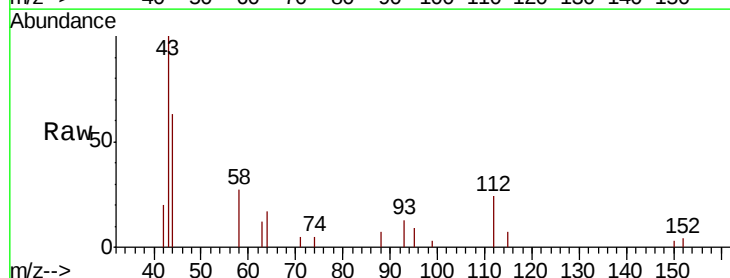
Tgt Ion: 112 Resp: 1717

Ion Ratio Lower Upper

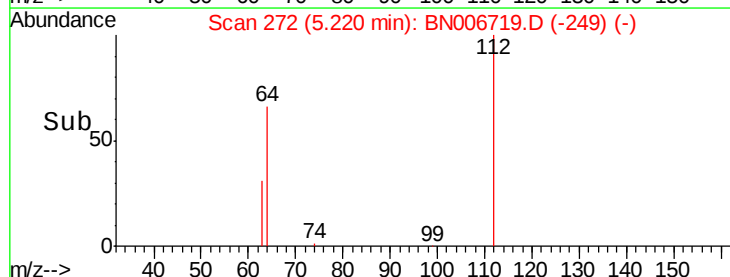
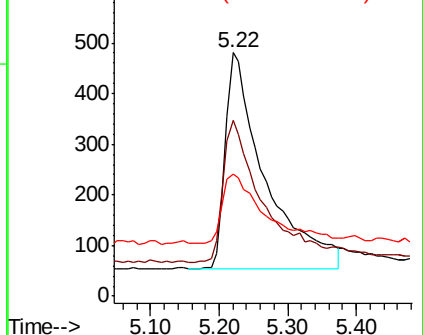
112 100

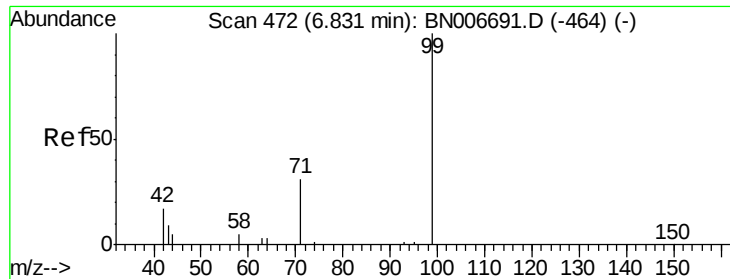
64 65.1 49.8 74.6

63 34.9 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.227 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MSD

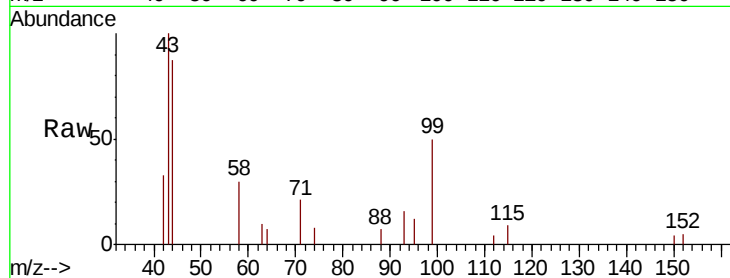
Tgt Ion: 99 Resp: 2374

Ion Ratio Lower Upper

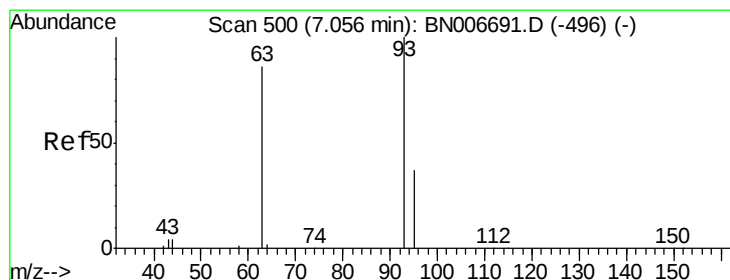
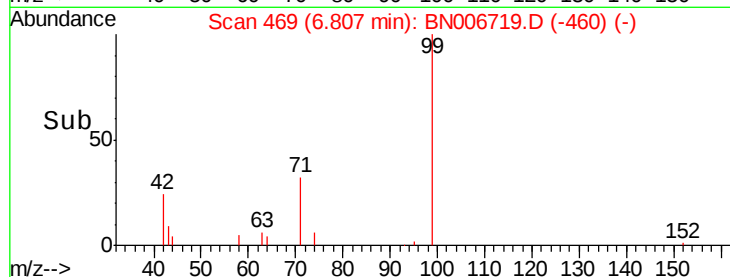
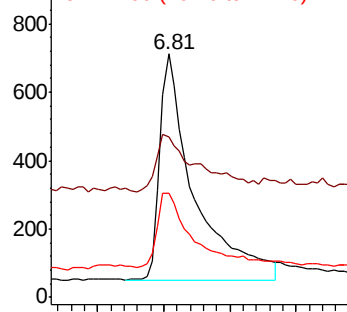
99 100

42 30.4 16.6 25.0#

71 34.2 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.232 ng

RT: 7.03 min Scan# 497

Delta R.T. -0.02 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

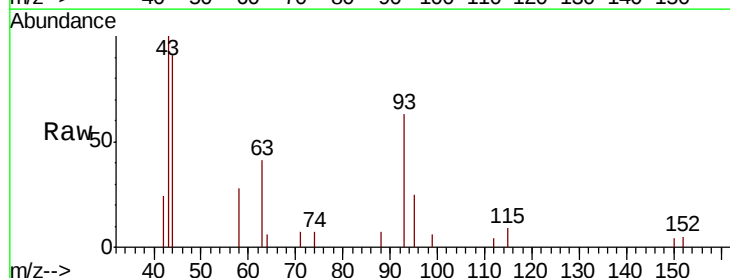
Tgt Ion: 93 Resp: 2055

Ion Ratio Lower Upper

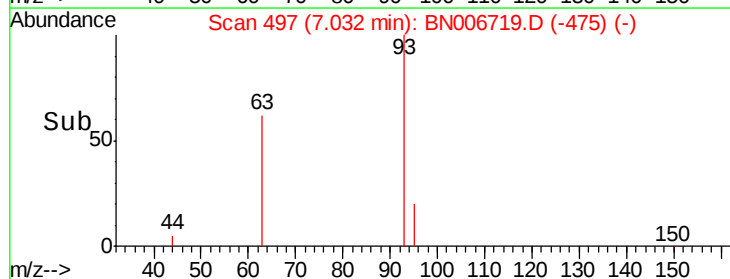
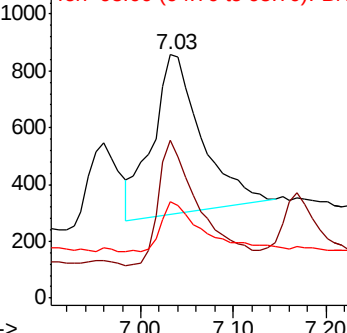
93 100

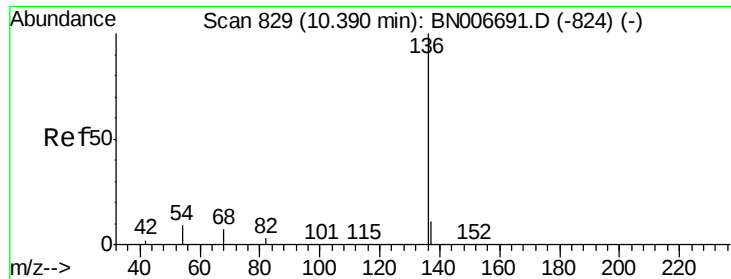
63 66.8 58.6 87.8

95 28.3 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MSD

Tgt Ion: 136 Resp: 11585

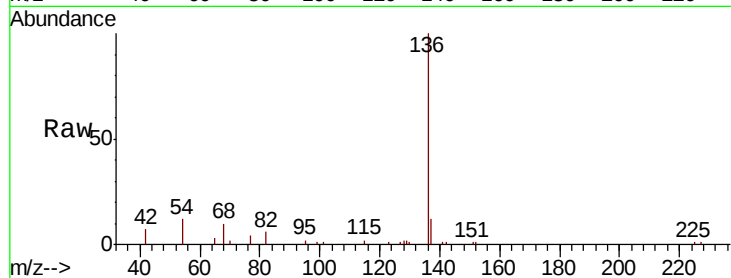
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 12.0 8.4 12.6

68 9.7 6.8 10.2

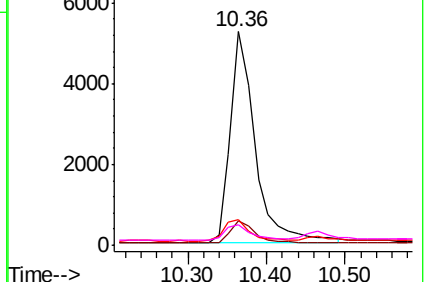
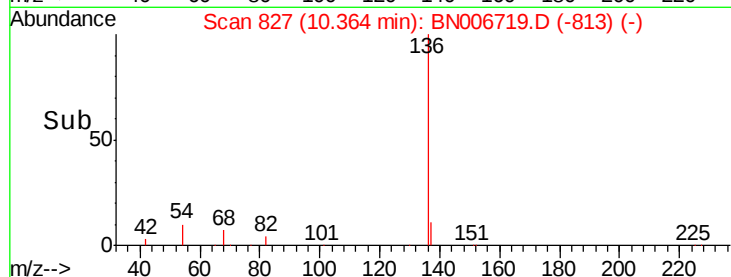


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.026 ng

RT: 8.63 min Scan# 690

Delta R.T. -0.16 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

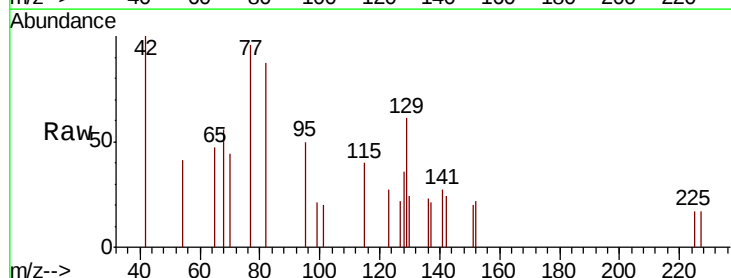
Tgt Ion: 82 Resp: 235

Ion Ratio Lower Upper

82 100

128 40.8 36.1 54.1

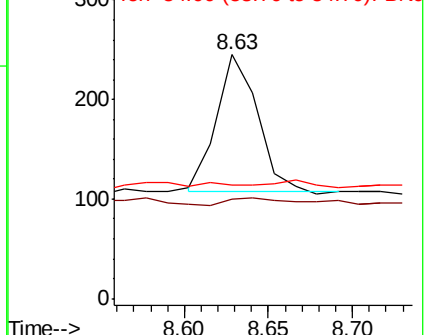
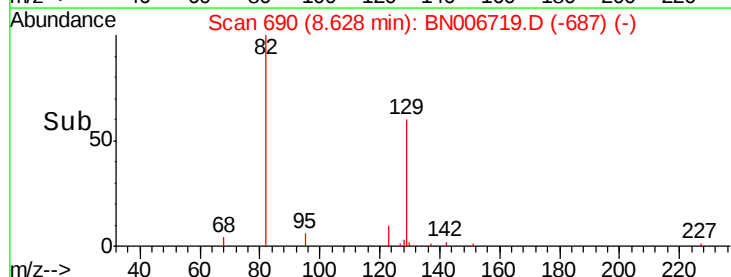
54 46.5 44.5 66.7

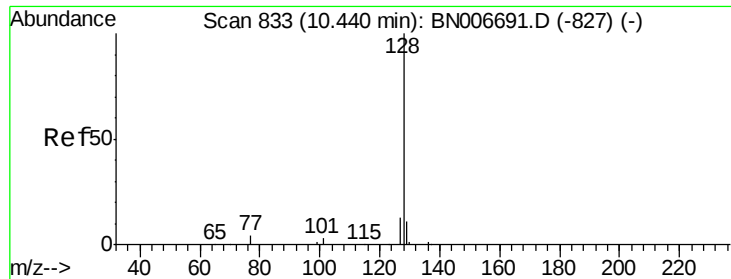


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

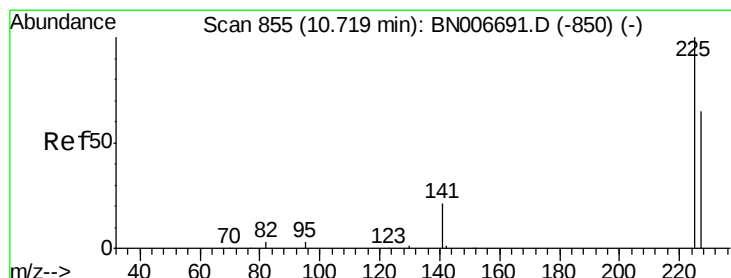
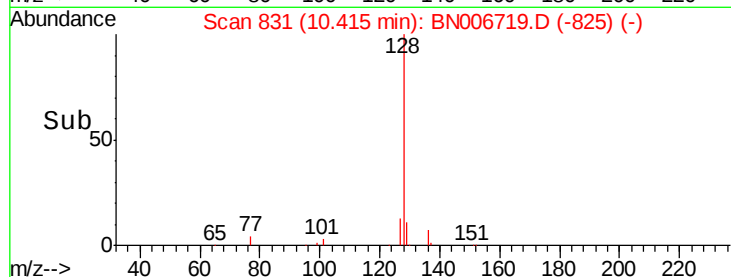
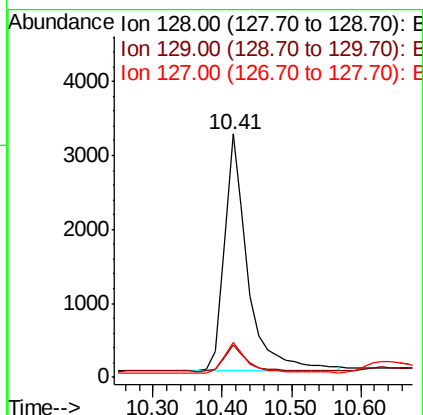
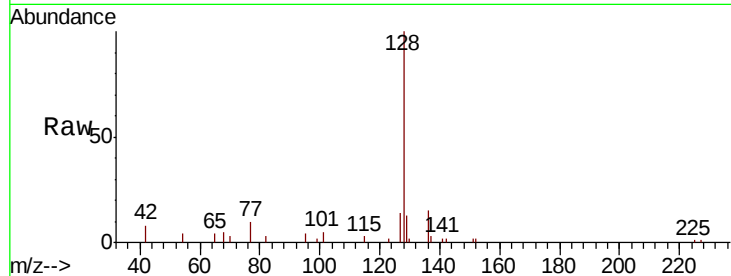




#9
Naphthalene
Concen: 0.238 ng
RT: 10.41 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006719.D
Acq: 05 Jul 2019 17:08

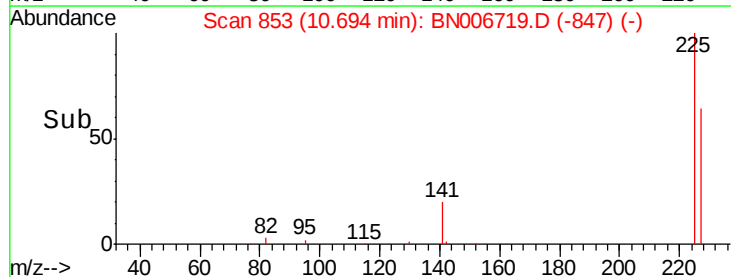
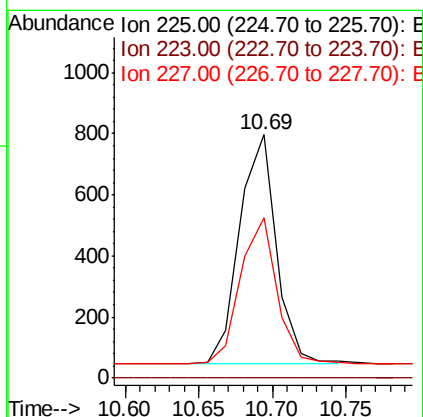
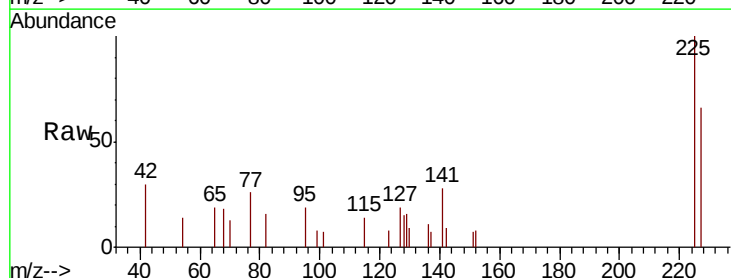
Instrument :
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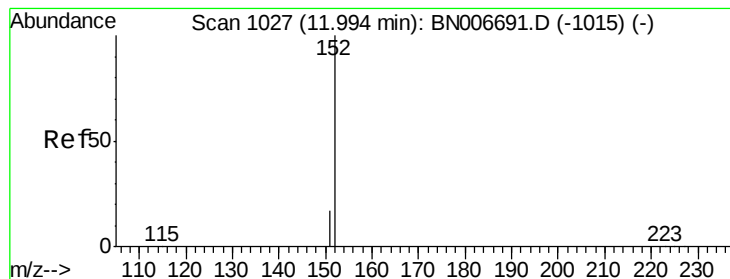
Tgt Ion:128 Resp: 7554
Ion Ratio Lower Upper
128 100
129 13.1 9.6 14.4
127 14.2 11.0 16.4



#10
Hexachlorobutadiene
Concen: 0.202 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006719.D
Acq: 05 Jul 2019 17:08

Tgt Ion:225 Resp: 1297
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.1 50.9 76.3





#11

2-Methylnaphthalene-d10

Concen: 0.272 ng

RT: 11.97 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

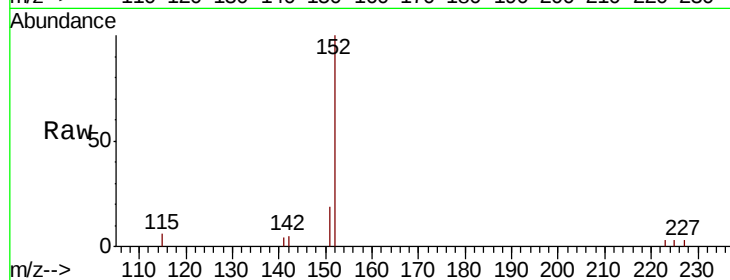
PST-032-B204-062519MSD

Tgt Ion:152 Resp: 4740

Ion Ratio Lower Upper

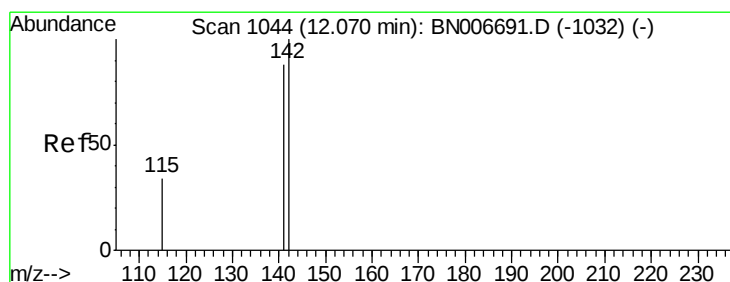
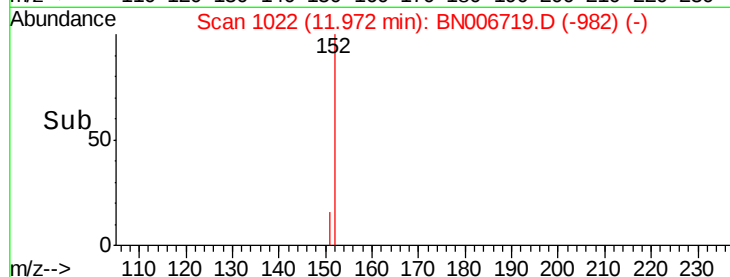
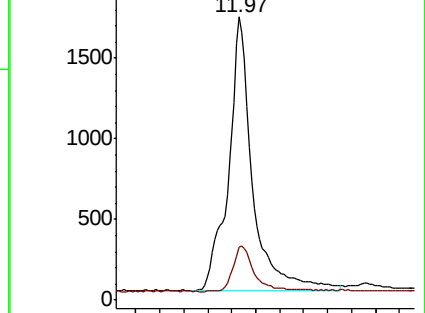
152 100

151 15.0 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: 0.195 ng

RT: 12.05 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

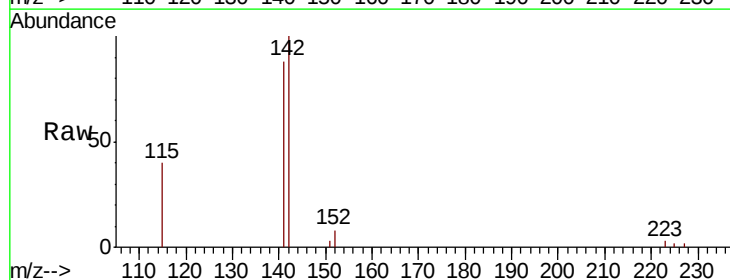
Tgt Ion:142 Resp: 4868

Ion Ratio Lower Upper

142 100

141 88.3 70.3 105.5

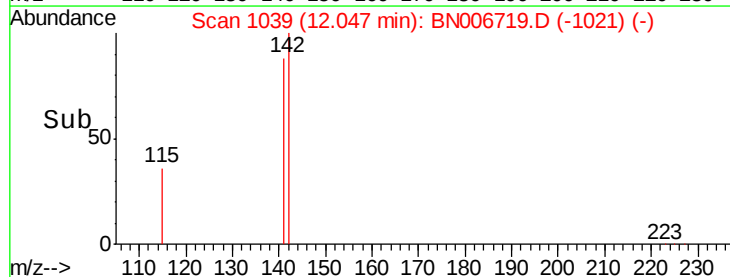
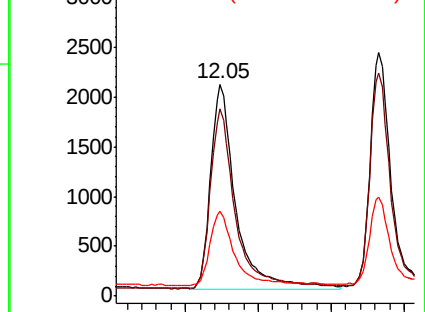
115 39.9 28.9 43.3



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: BN006719.D

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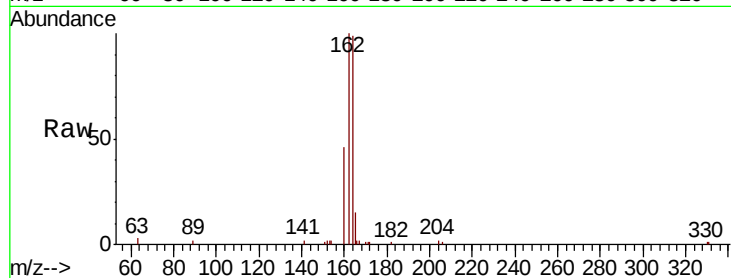
Tgt Ion:164 Resp: 6648

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

160 46.8 37.0 55.6

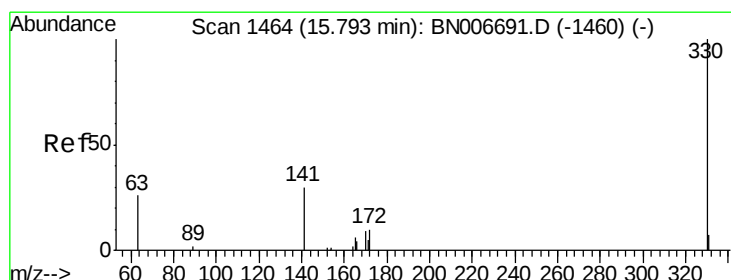
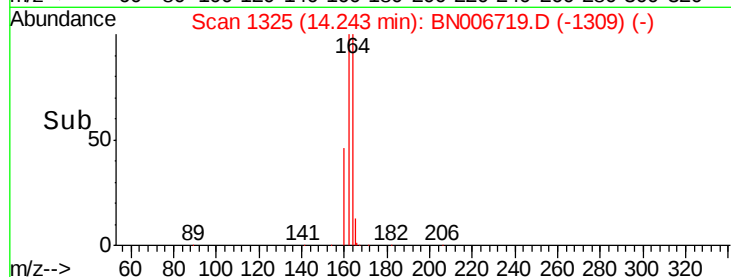
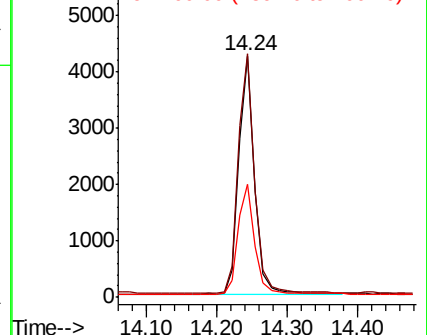


Abundance

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: 0.230 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

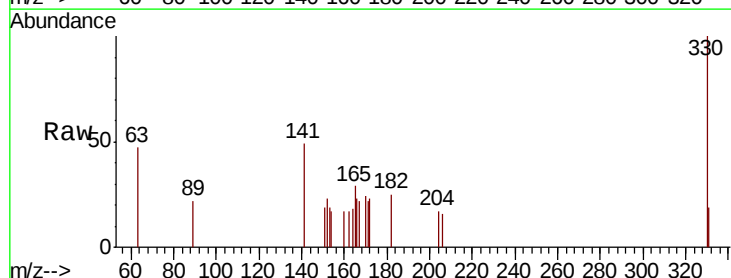
Tgt Ion:330 Resp: 751

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.9 24.8 37.2

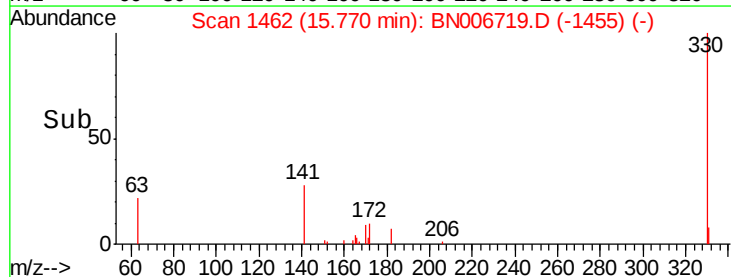
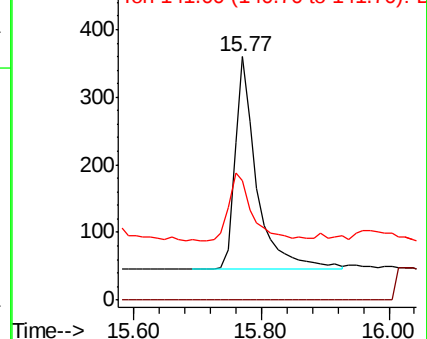


Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

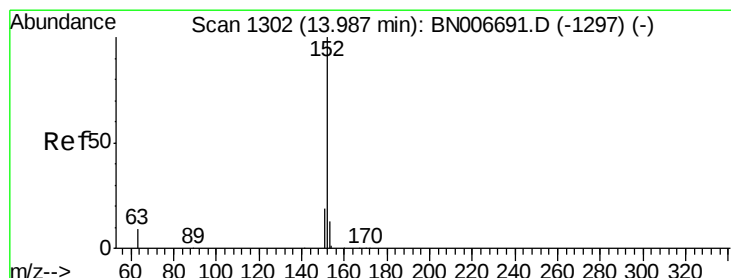
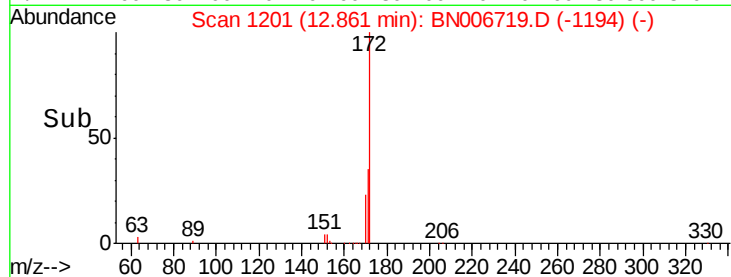
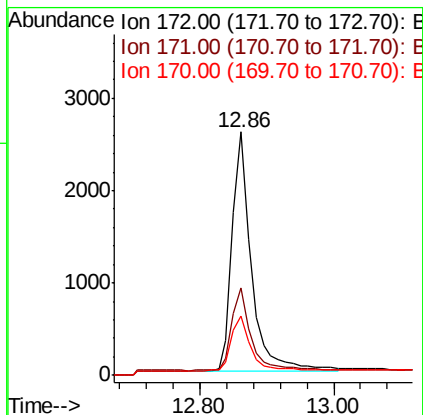
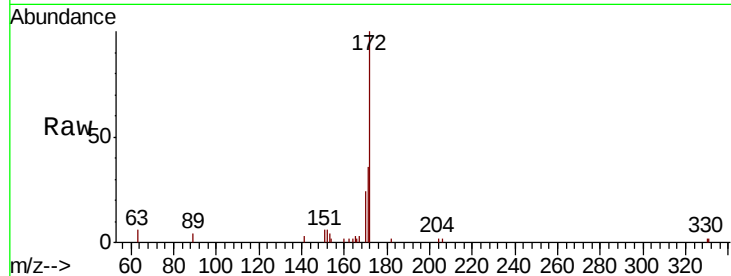




#15
2-Fluorobiphenyl
Concen: 0.197 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006719.D
Acq: 05 Jul 2019 17:08

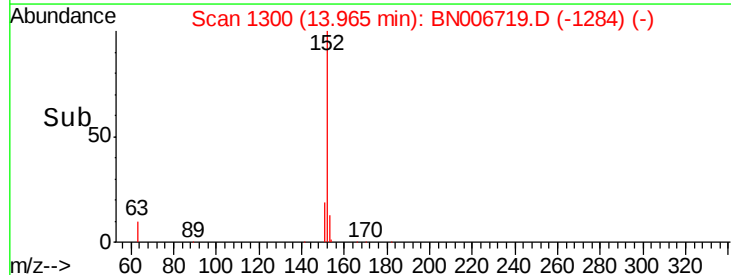
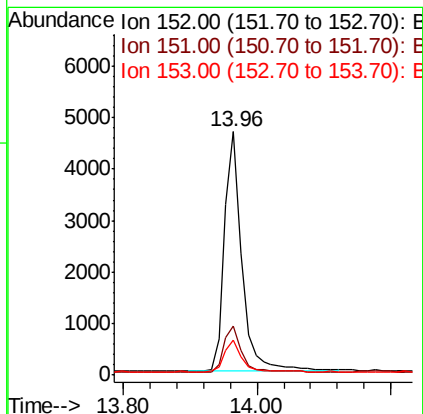
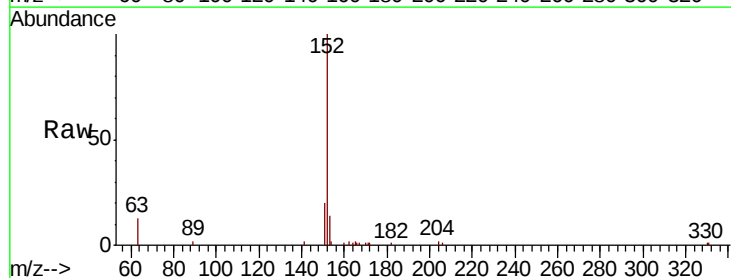
Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MSD

Tgt Ion:172 Resp: 5112
Ion Ratio Lower Upper
172 100
171 36.0 27.8 41.6
170 24.4 18.9 28.3



#16
Acenaphthylene
Concen: 0.252 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006719.D
Acq: 05 Jul 2019 17:08

Tgt Ion:152 Resp: 8342
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.3 10.6 15.8





#17

Acenaphthene

Concen: 0.228 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MSD

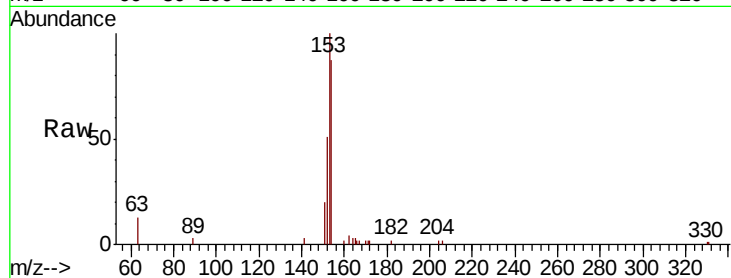
Tgt Ion:154 Resp: 4827

Ion Ratio Lower Upper

154 100

153 113.8 88.9 133.3

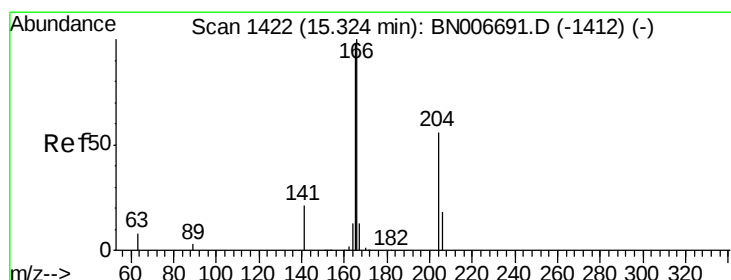
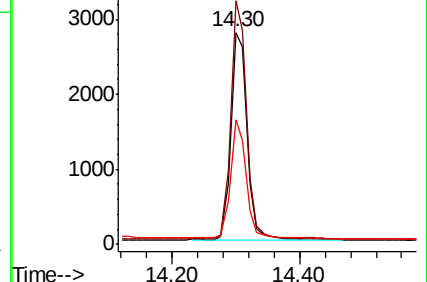
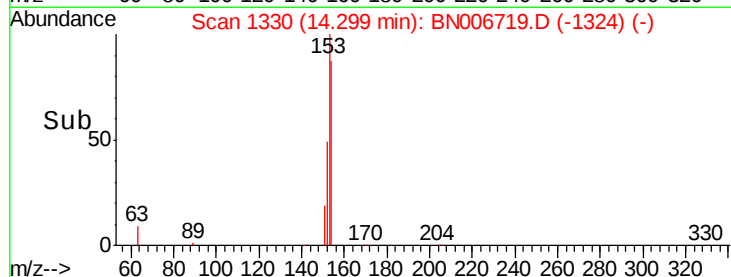
152 55.3 42.8 64.2



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: 0.236 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

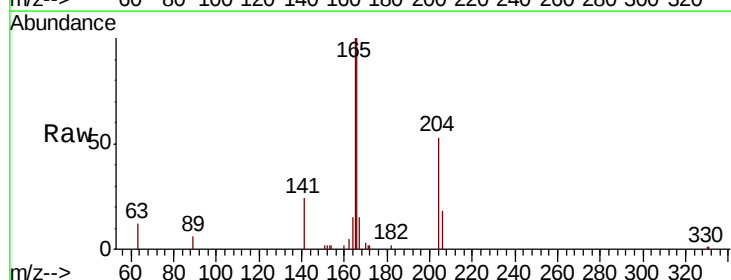
Tgt Ion:166 Resp: 6189

Ion Ratio Lower Upper

166 100

165 99.1 78.0 117.0

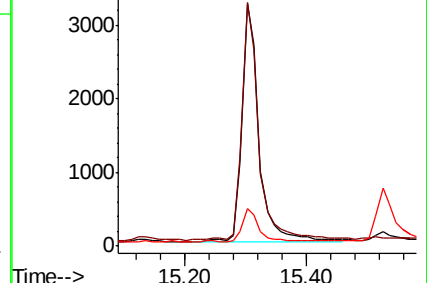
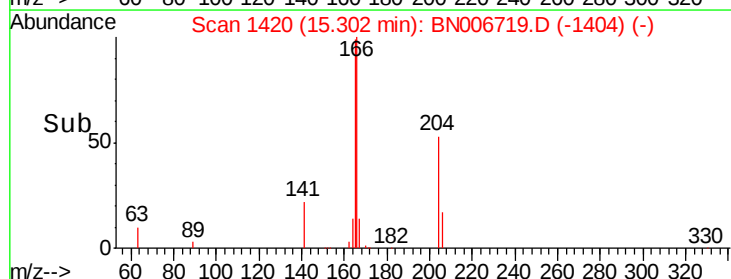
167 13.9 10.7 16.1



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: BN006719.D

Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MSD

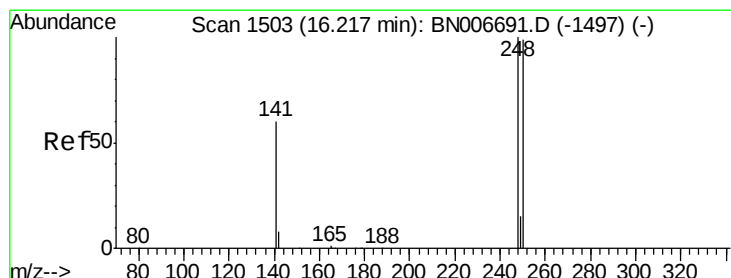
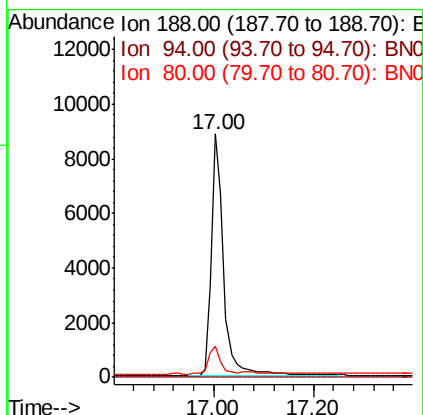
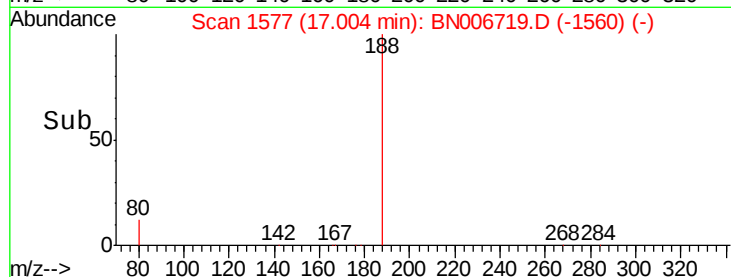
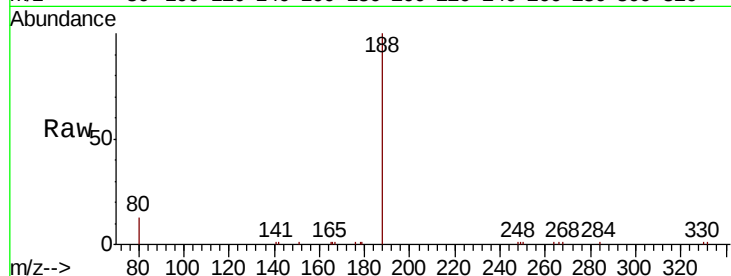
Tgt Ion:188 Resp: 15449

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 10.3 15.5



#20

4-Bromophenyl-phenylether

Concen: 0.196 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

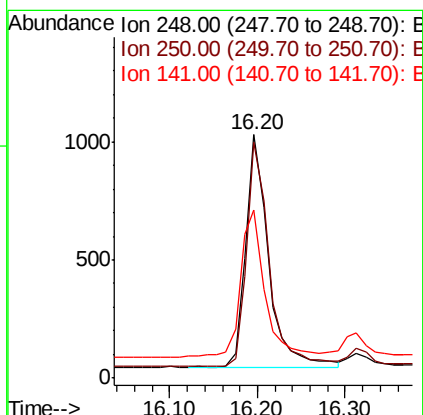
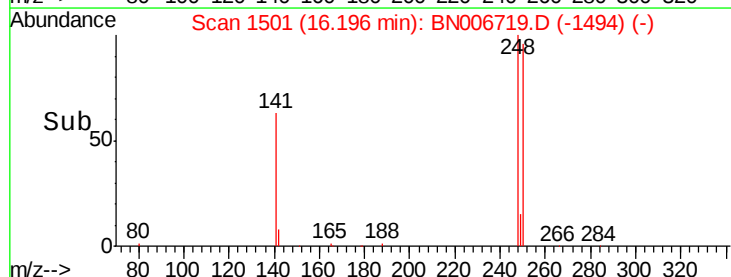
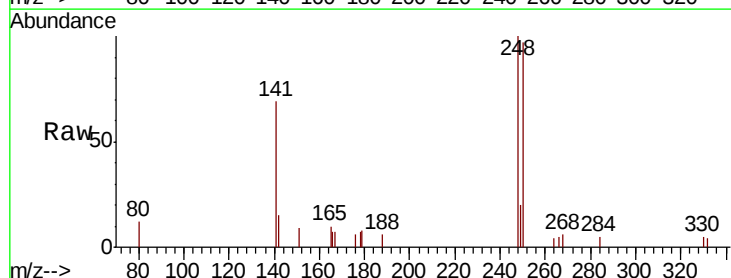
Tgt Ion:248 Resp: 1783

Ion Ratio Lower Upper

248 100

250 96.7 79.0 118.6

141 69.1 50.2 75.4

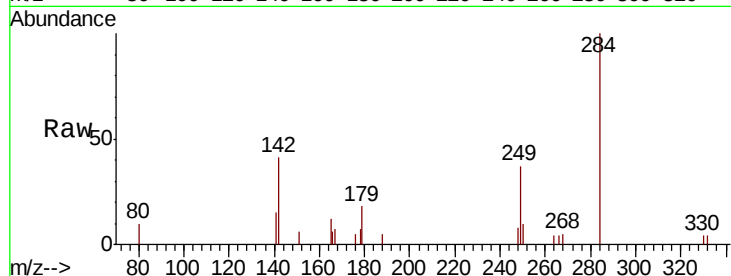




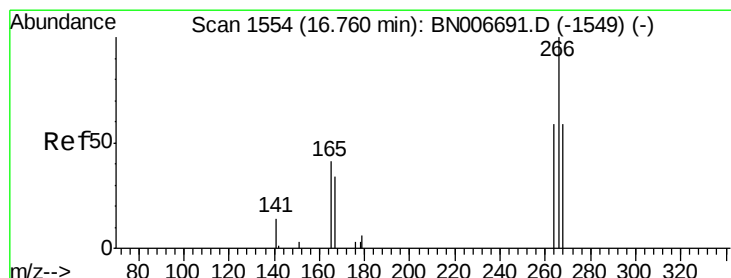
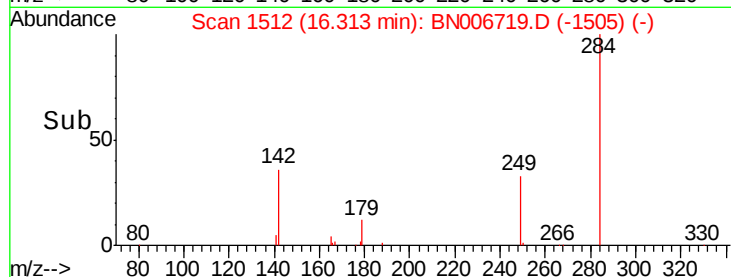
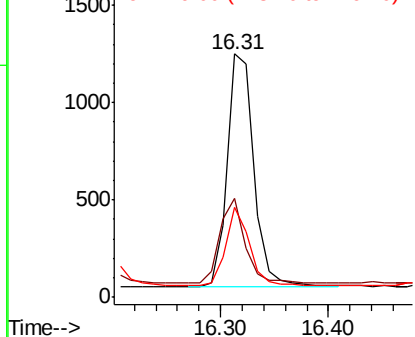
#21
Hexachlorobenzene
Concen: 0.191 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006719.D
Acq: 05 Jul 2019 17:08

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MSD

Tgt Ion: 284 Resp: 2063
Ion Ratio Lower Upper
284 100
142 33.6 26.9 40.3
249 29.3 24.4 36.6

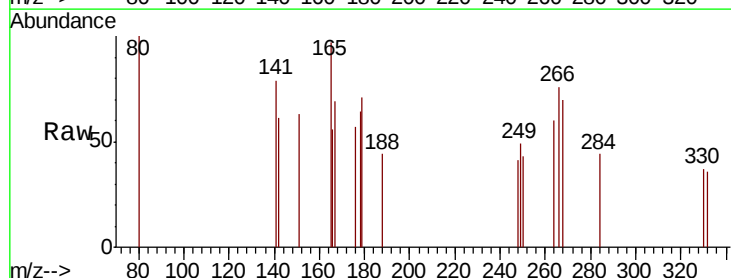


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

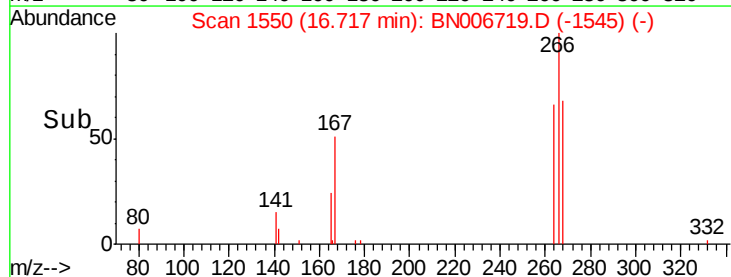
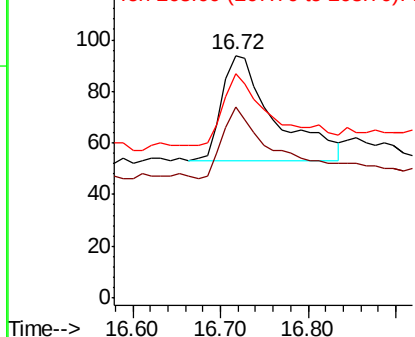


#22
Pentachlorophenol
Concen: 0.230 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006719.D
Acq: 05 Jul 2019 17:08

Tgt Ion: 266 Resp: 171
Ion Ratio Lower Upper
266 100
264 78.7 57.6 86.4
268 92.6 66.6 99.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.299 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MSD

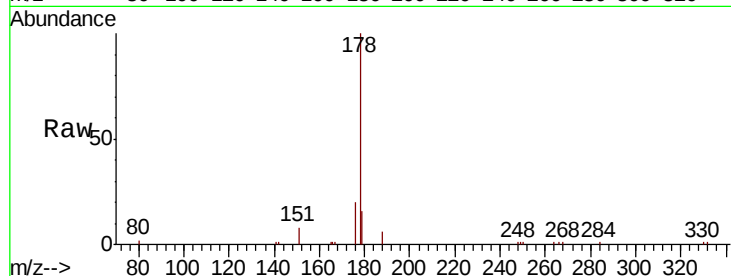
Tgt Ion:178 Resp: 13328

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

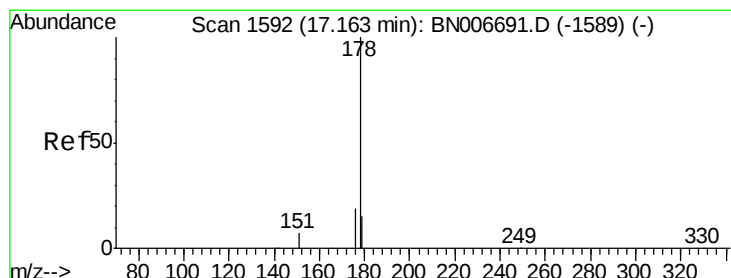
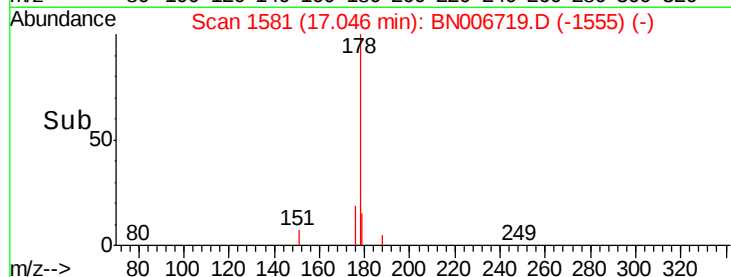
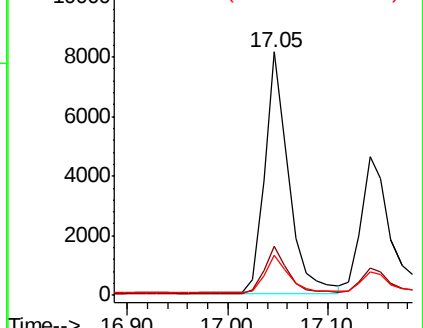
179 15.6 12.4 18.6



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: 0.228 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

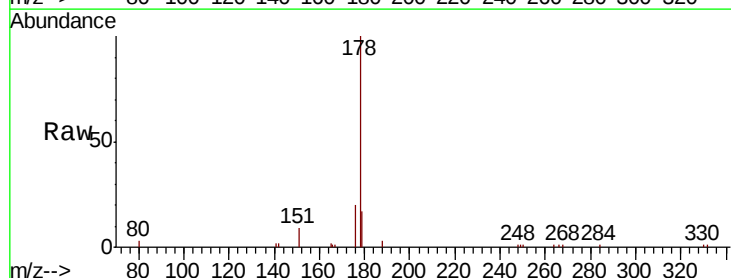
Tgt Ion:178 Resp: 9189

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

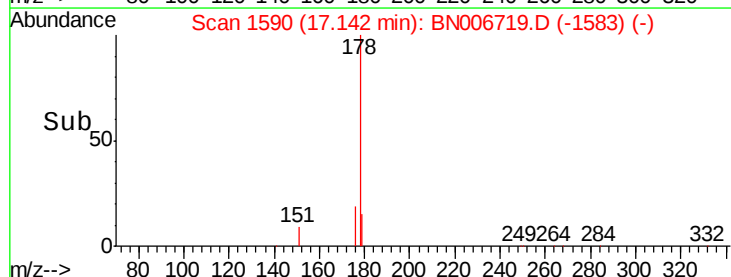
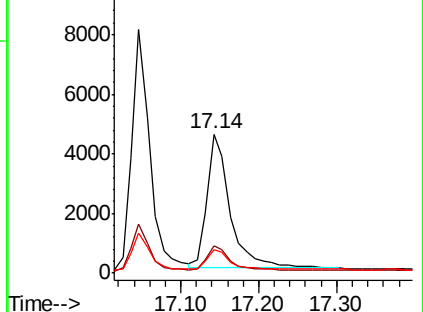
179 14.1 11.9 17.9

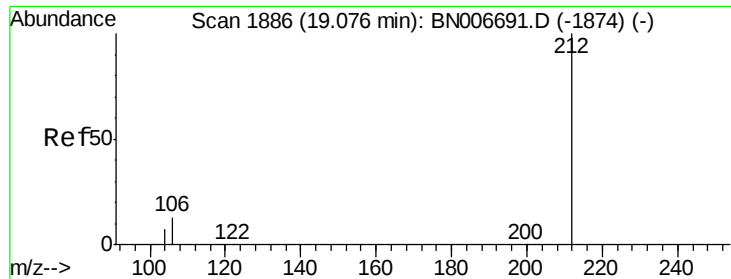


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

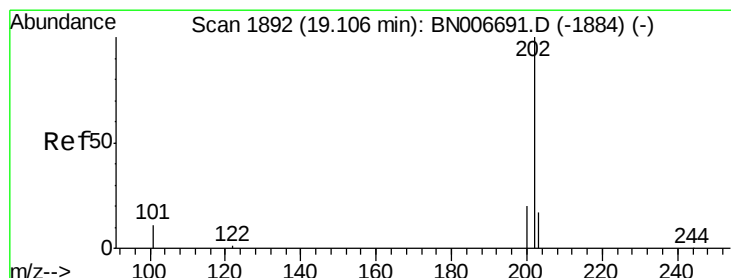
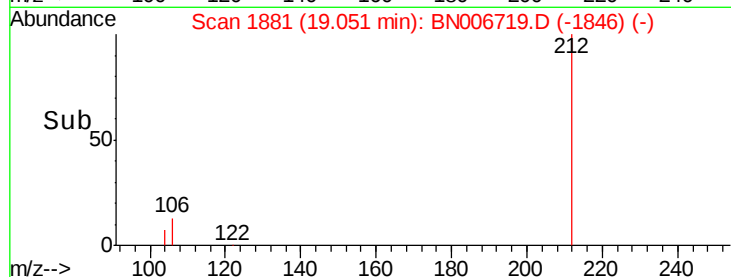
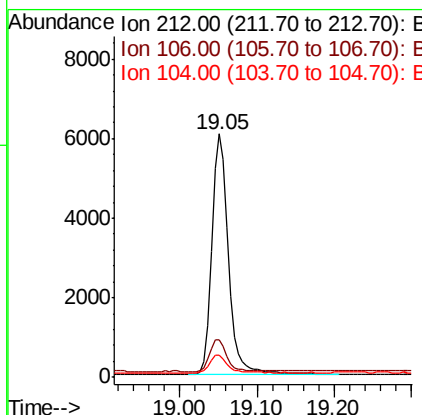
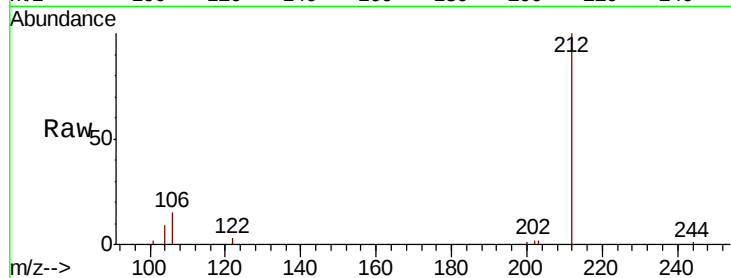




#25
 Fluoranthene-d10
 Concen: 0.205 ng
 RT: 19.05 min Scan# 1881
 Delta R.T. -0.02 min
 Lab File: BN006719.D
 Acq: 05 Jul 2019 17:08

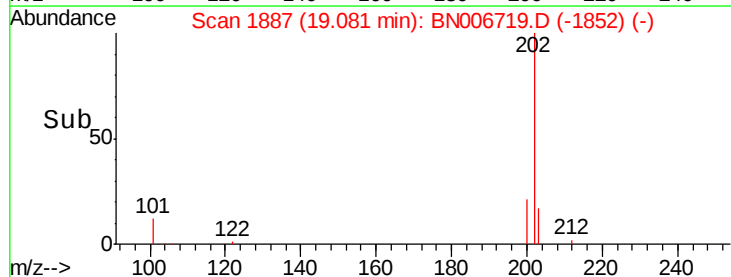
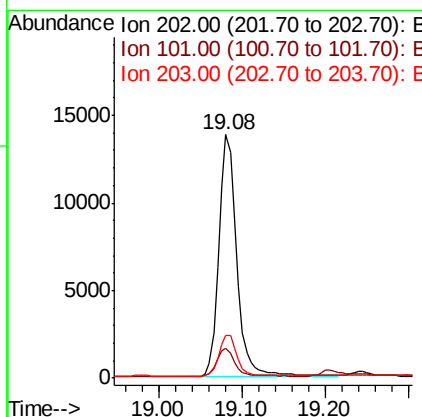
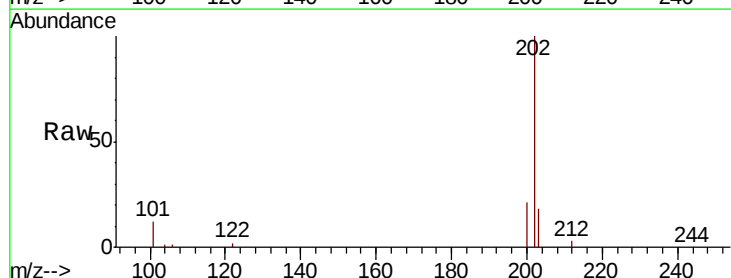
Instrument :
 BNA_N
 ClientSampleId :
 PST-032-B204-062519MSD

Tgt Ion: 212 Resp: 9074
 Ion Ratio Lower Upper
 212 100
 106 13.6 11.0 16.6
 104 7.9 6.1 9.1



#26
 Fluoranthene
 Concen: 0.395 ng
 RT: 19.08 min Scan# 1887
 Delta R.T. -0.02 min
 Lab File: BN006719.D
 Acq: 05 Jul 2019 17:08

Tgt Ion: 202 Resp: 20648
 Ion Ratio Lower Upper
 202 100
 101 12.0 8.7 13.1
 203 17.4 13.8 20.6

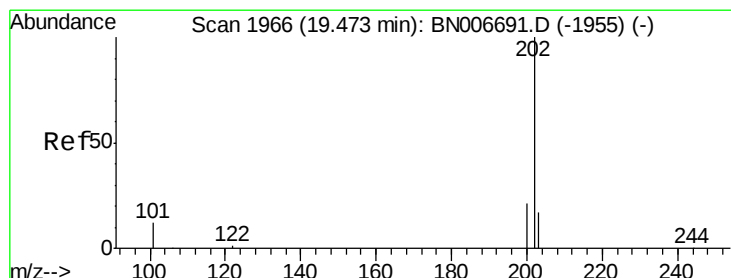
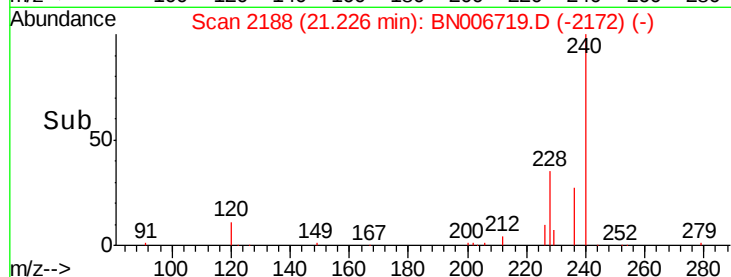
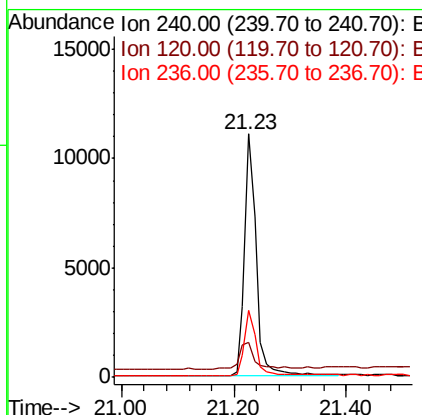
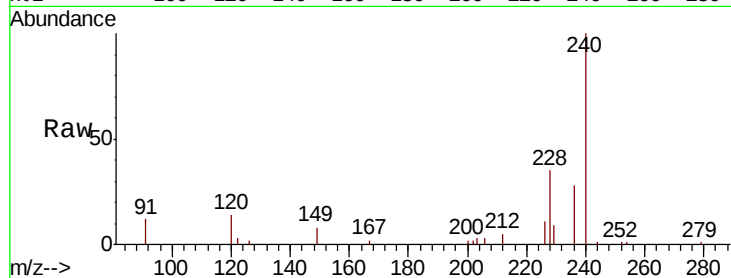




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006719.D
Acq: 05 Jul 2019 17:08

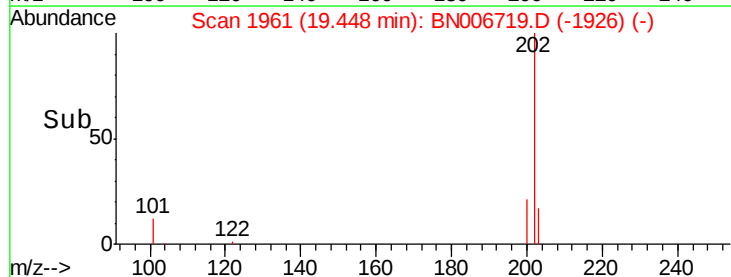
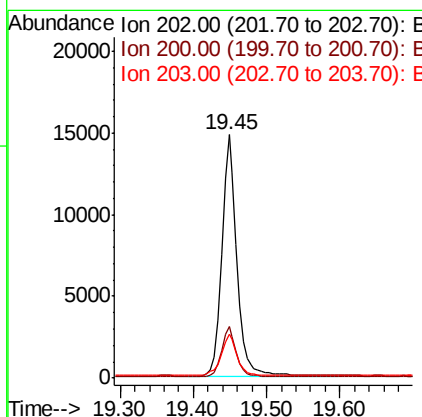
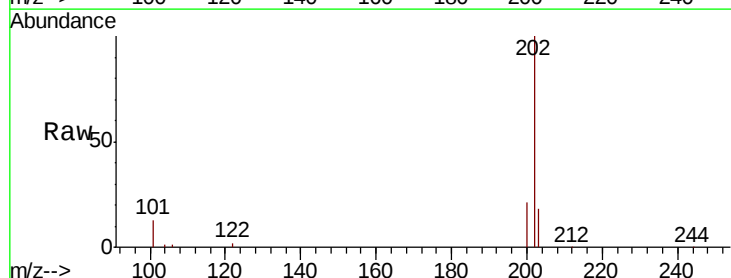
Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MSD

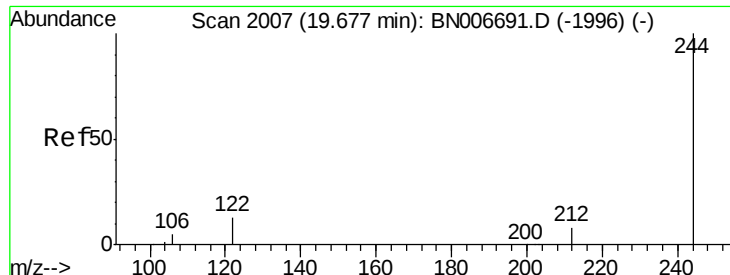
Tgt Ion: 240 Resp: 16090
Ion Ratio Lower Upper
240 100
120 14.1 12.9 19.3
236 27.6 23.2 34.8



#28
Pyrene
Concen: 0.329 ng
RT: 19.45 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BN006719.D
Acq: 05 Jul 2019 17:08

Tgt Ion: 202 Resp: 21168
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 18.3 14.2 21.2





#29

Terphenyl-d14

Concen: 0.172 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MSD

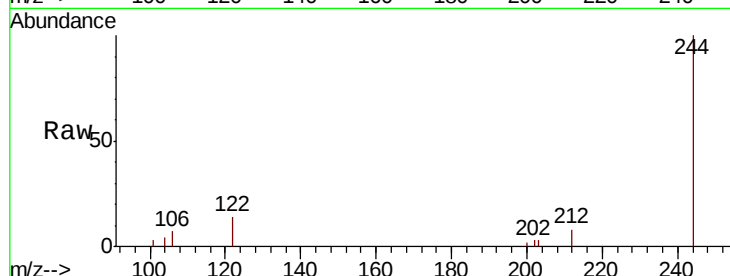
Tgt Ion:244 Resp: 6380

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

122 13.7 11.5 17.3

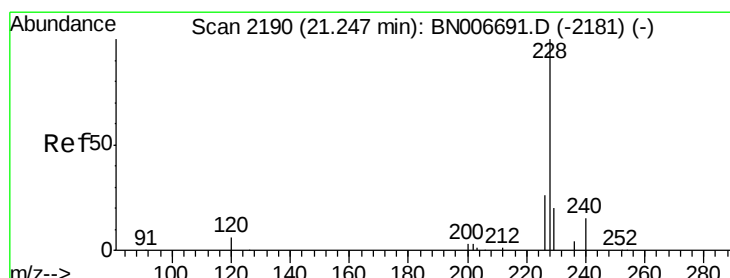
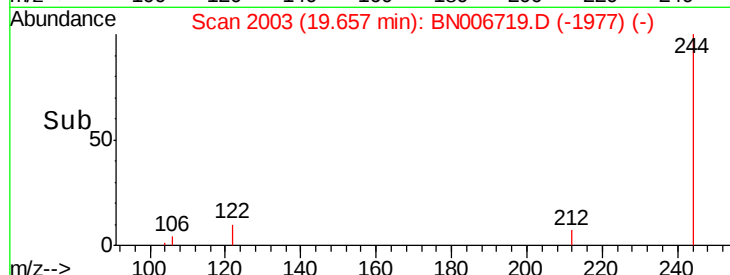
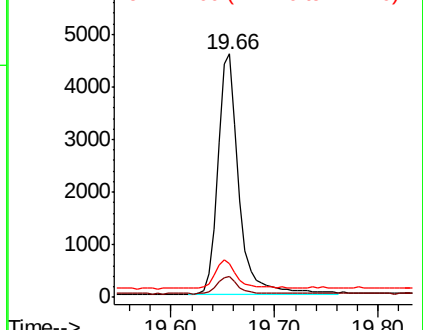


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.277 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

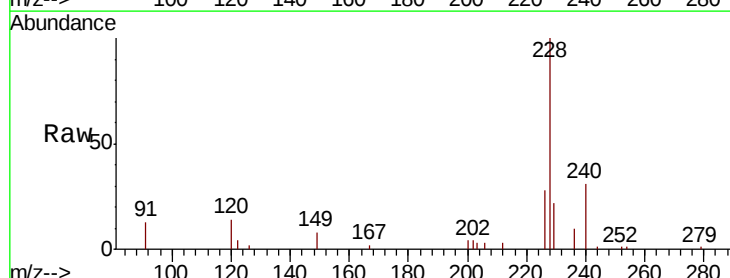
Tgt Ion:228 Resp: 15381

Ion Ratio Lower Upper

228 100

226 27.5 21.5 32.3

229 21.6 16.2 24.4

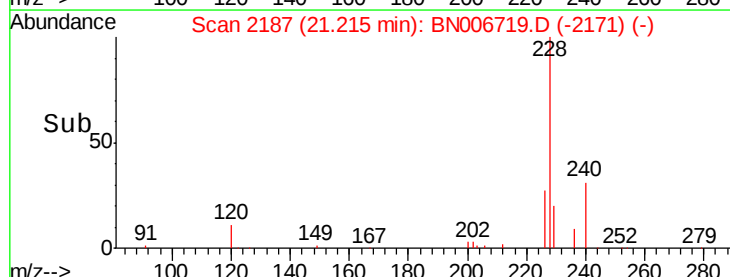
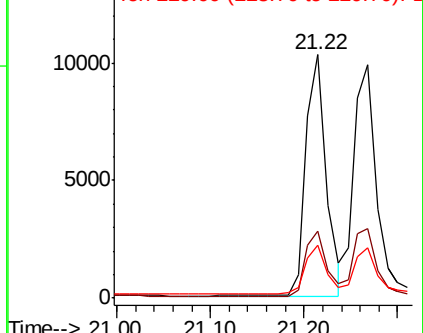


Abundance

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: 0.283 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MSD

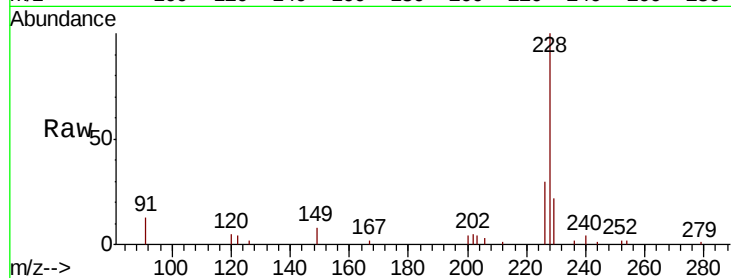
Tgt Ion:228 Resp: 16213

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

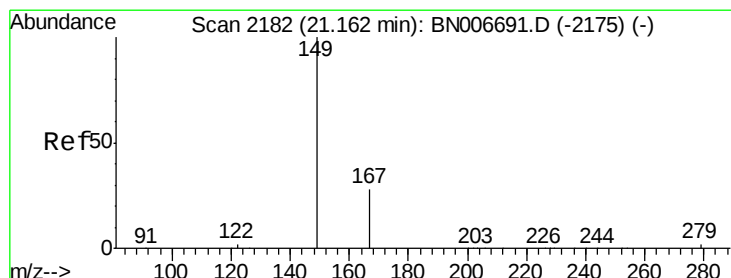
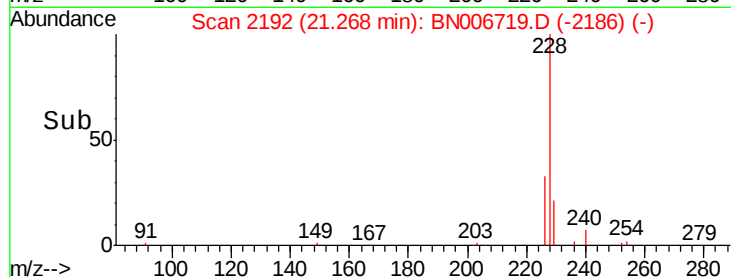
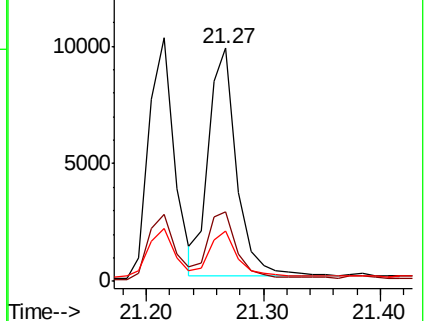
229 21.7 15.8 23.6



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: 0.052 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

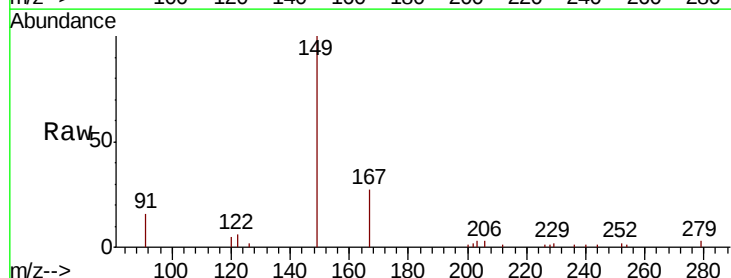
Tgt Ion:149 Resp: 8608

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

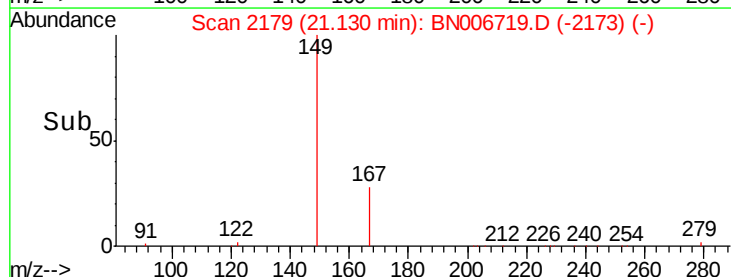
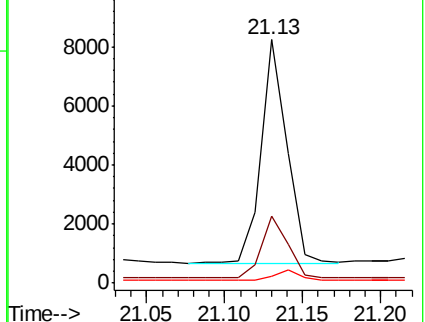
279 4.4 3.2 4.8



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: 0.265 ng

RT: 25.67 min Scan# 3254

Delta R.T. -0.07 min

Lab File: BN006719.D

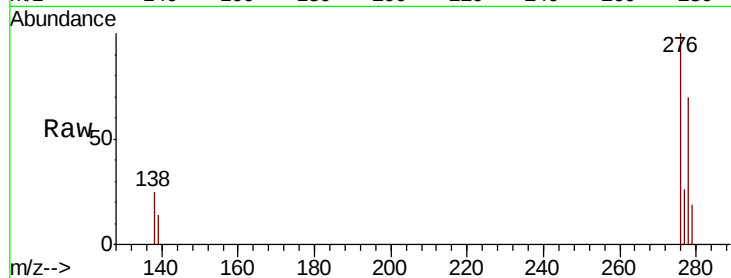
Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MSD



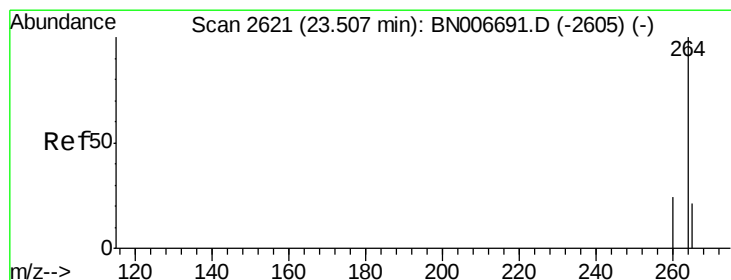
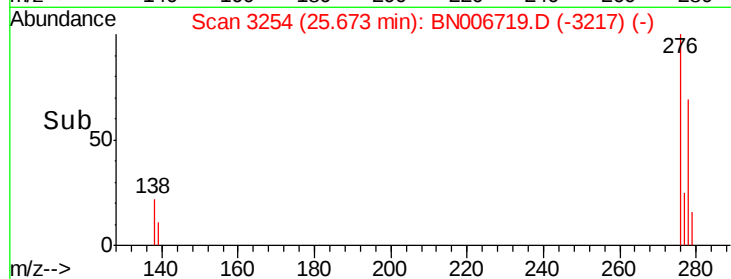
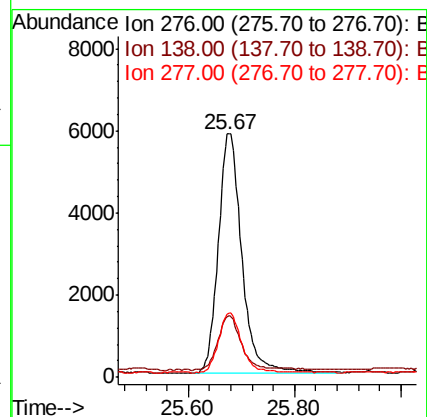
Tgt Ion:276 Resp: 18094

Ion Ratio Lower Upper

276 100

138 22.1 19.5 29.3

277 24.1 19.7 29.5



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.45 min Scan# 2604

Delta R.T. -0.06 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

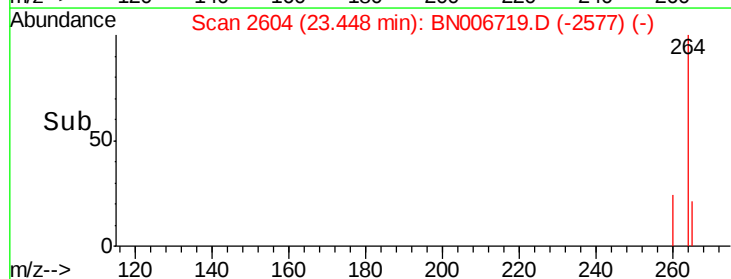
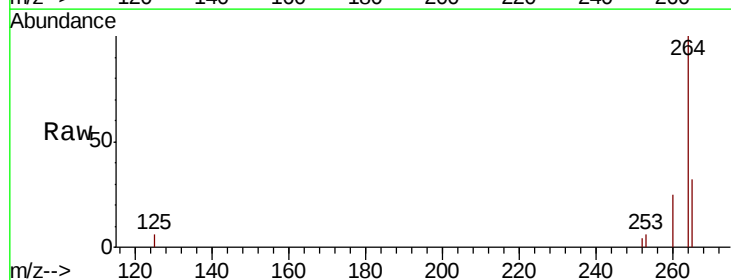
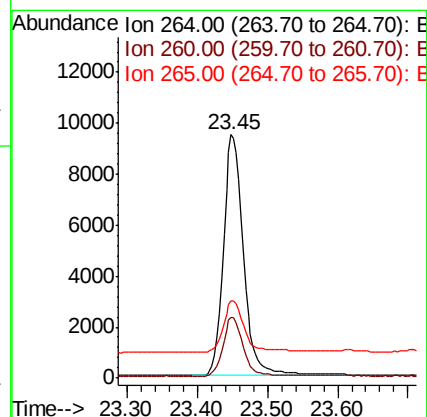
Tgt Ion:264 Resp: 18788

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

265 31.6 33.7 50.5#

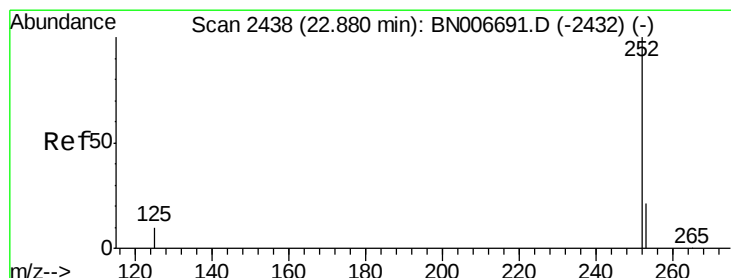
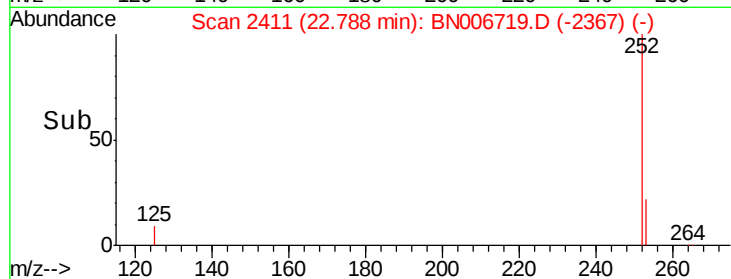
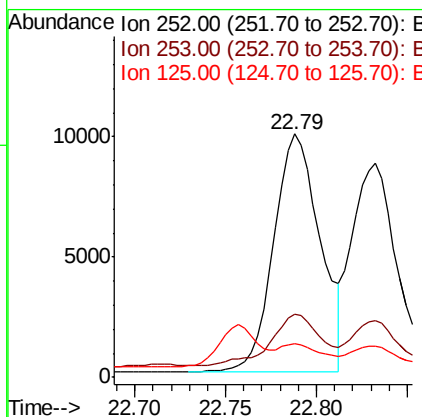
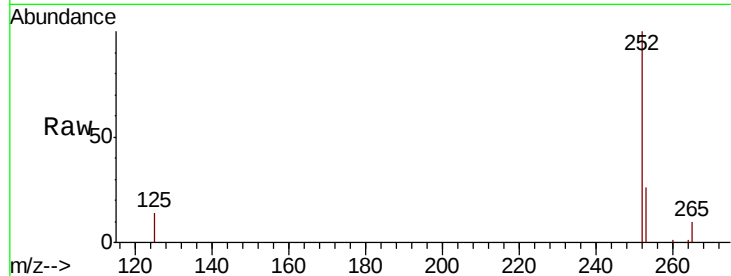




#35
Benzo(b)fluoranthene
Concen: 0.291 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BN006719.D
Acq: 05 Jul 2019 17:08

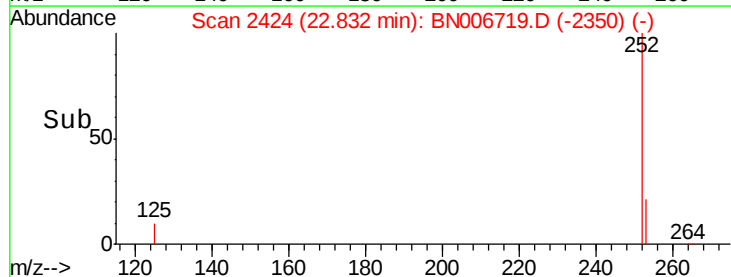
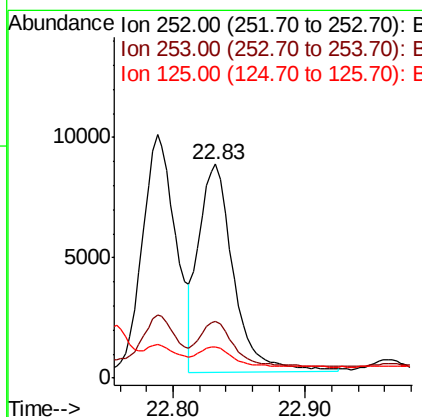
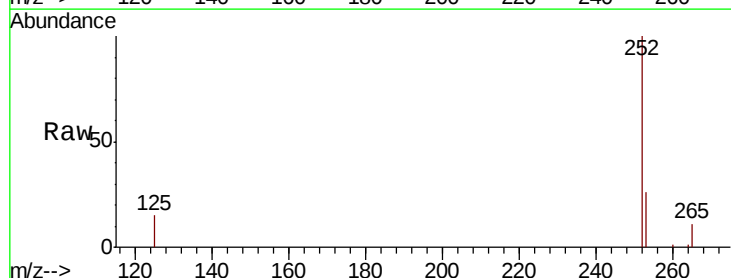
Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MSD

Tgt Ion:252 Resp: 17540
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.2
125 13.8 11.5 17.3



#36
Benzo(k)fluoranthene
Concen: 0.239 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.05 min
Lab File: BN006719.D
Acq: 05 Jul 2019 17:08

Tgt Ion:252 Resp: 15631
Ion Ratio Lower Upper
252 100
253 26.3 20.1 30.1
125 14.8 11.4 17.0





#37

Benzo(a)pyrene

Concen: 0.280 ng

RT: 23.36 min Scan# 2577

Delta R.T. -0.05 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MSD

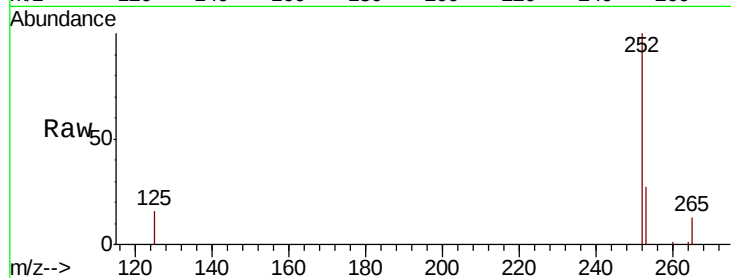
Tgt Ion:252 Resp: 16329

Ion Ratio Lower Upper

252 100

253 27.1 21.4 32.2

125 15.7 13.3 19.9

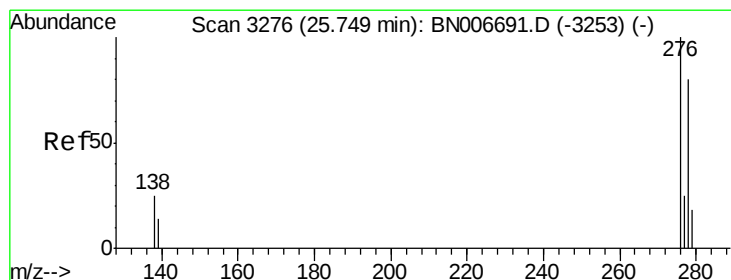
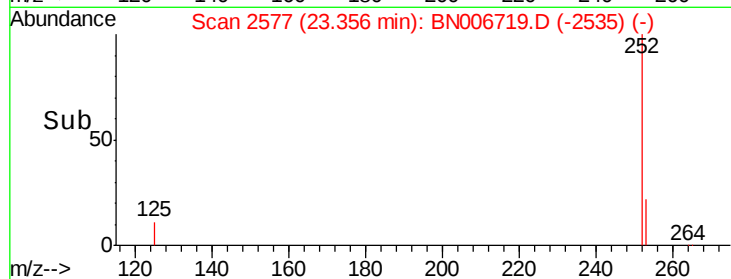
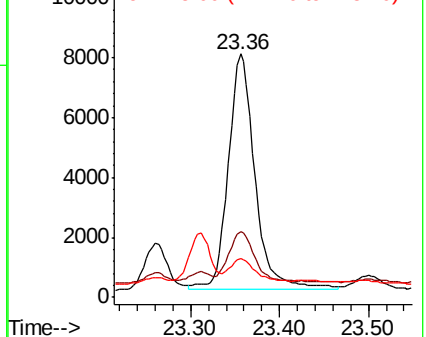


Abundance

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: 0.220 ng

RT: 25.68 min Scan# 3256

Delta R.T. -0.07 min

Lab File: BN006719.D

Acq: 05 Jul 2019 17:08

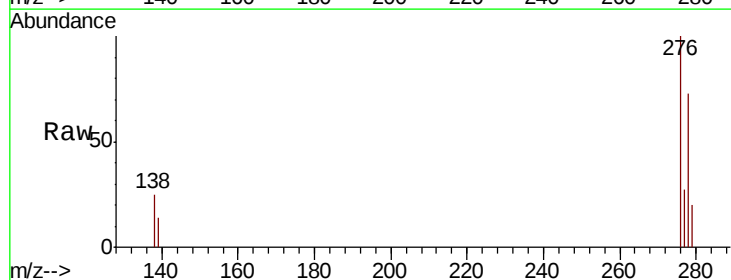
Tgt Ion:278 Resp: 12759

Ion Ratio Lower Upper

278 100

139 19.5 16.2 24.4

279 27.3 20.7 31.1

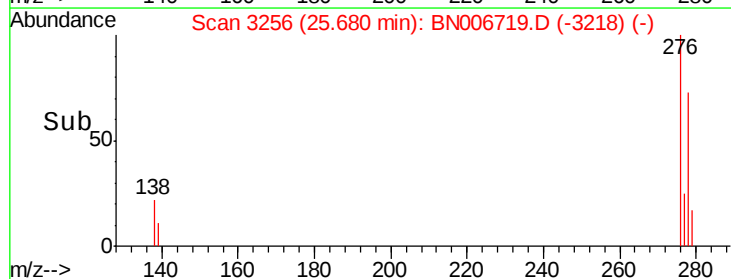
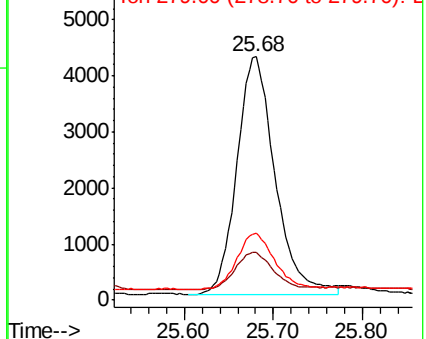


Abundance

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: 0.270 ng

RT: 26.35 min Scan# 3453

Delta R.T. -0.08 min

Lab File: BN006719.D

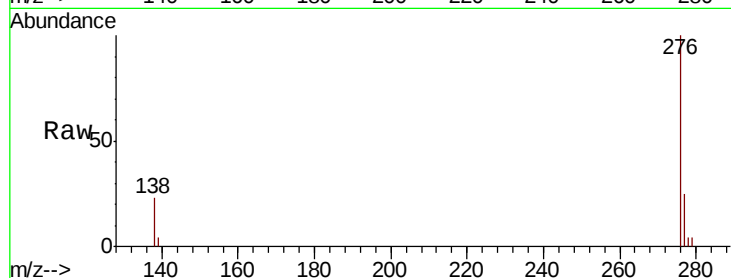
Acq: 05 Jul 2019 17:08

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MSD



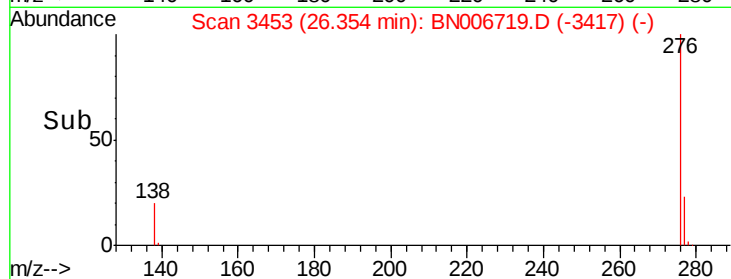
Tgt Ion: 276 Resp: 16151

Ion Ratio Lower Upper

276 100

277 25.1 20.6 30.8

138 22.9 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

