

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006718.D
 Acq On : 05 Jul 2019 16:33
 Operator : HP/JU
 Sample : K3558-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 05 22:51:14 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	3179	0.40	ng	-0.03
7) Naphthalene-d8	10.36	136	12460	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	7338	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	17363	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	17013	0.40	ng	-0.03
34) Perylene-d12	23.45	264	19760	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	1838	0.21	ng	-0.02
5) Phenol-d6	6.81	99	2584	0.24	ng	-0.02
8) Nitrobenzene-d5	8.63	82	243	0.03	ng	-0.16
11) 2-Methylnaphthalene-d10	11.97	152	5158	0.28	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	857	0.24	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	5588	0.19	ng	-0.02
25) Fluoranthene-d10	19.05	212	10138	0.20	ng	-0.02
29) Terphenyl-d14	19.65	244	7119	0.18	ng	-0.02

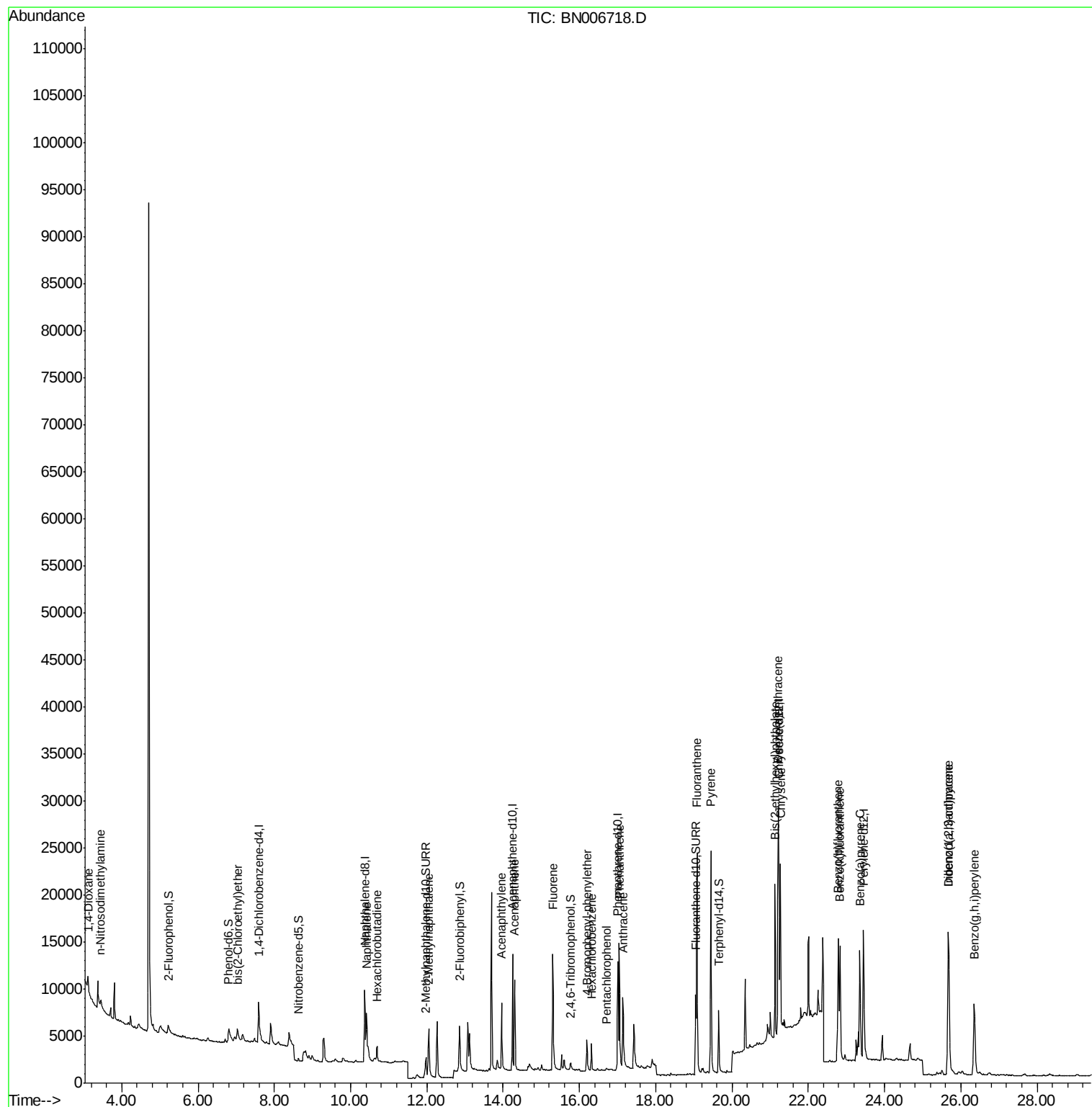
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	949	0.191	ng	# 52
3) n-Nitrosodimethylamine	3.45	42	967	0.258	ng	# 95
6) bis(2-Chloroethyl)ether	7.03	93	2030	0.220	ng	96
9) Naphthalene	10.42	128	8046	0.236	ng	98
10) Hexachlorobutadiene	10.69	225	1378	0.200	ng	# 100
12) 2-Methylnaphthalene	12.05	142	5301	0.198	ng	97
16) Acenaphthylene	13.96	152	9144	0.250	ng	100
17) Acenaphthene	14.30	154	5305	0.227	ng	97
18) Fluorene	15.30	166	6961	0.240	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	2009	0.196	ng	98
21) Hexachlorobenzene	16.31	284	2351	0.193	ng	98
22) Pentachlorophenol	16.72	266	205	0.237	ng	93
23) Phenanthrene	17.05	178	14978	0.299	ng	100
24) Anthracene	17.14	178	10379	0.229	ng	100
26) Fluoranthene	19.08	202	22855	0.389	ng	98
28) Pyrene	19.45	202	23496	0.345	ng	99
30) Benzo(a)anthracene	21.22	228	16836	0.287	ng	99
31) Chrysene	21.27	228	17488	0.289	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	13588	0.078	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	18967	0.262	ng	97
35) Benzo(b)fluoranthene	22.79	252	18595	0.293	ng	98
36) Benzo(k)fluoranthene	22.83	252	17033	0.248	ng	98
37) Benzo(a)pyrene	23.36	252	17345	0.282	ng	99
38) Dibenzo(a,h)anthracene	25.68	278	13215	0.216	ng	98
39) Benzo(g,h,i)perylene	26.35	276	16940	0.270	ng	98

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

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QLast Update : Fri Jul 05 05:30:28 2019
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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: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

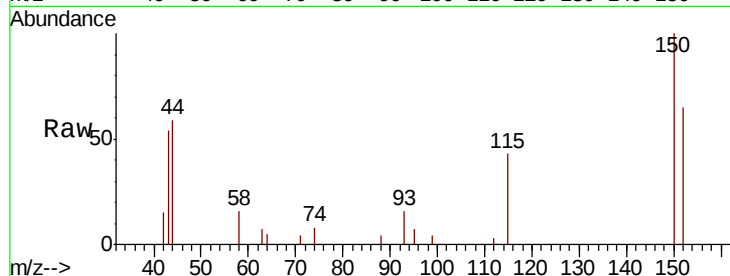
Tgt Ion: 152 Resp: 3179

Ion Ratio Lower Upper

152 100

150 154.6 120.6 181.0

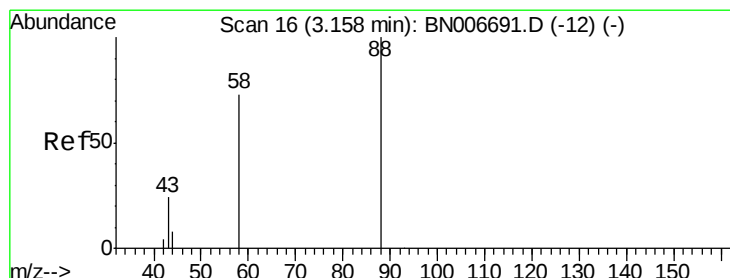
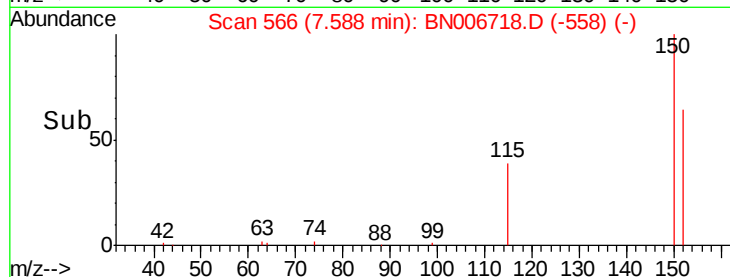
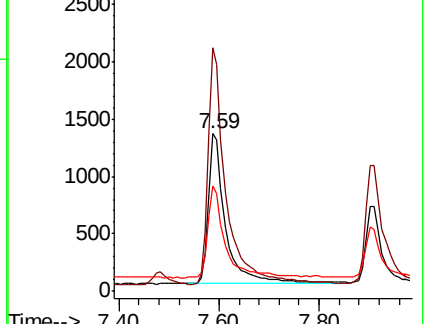
115 67.3 51.0 76.6



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: 0.191 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

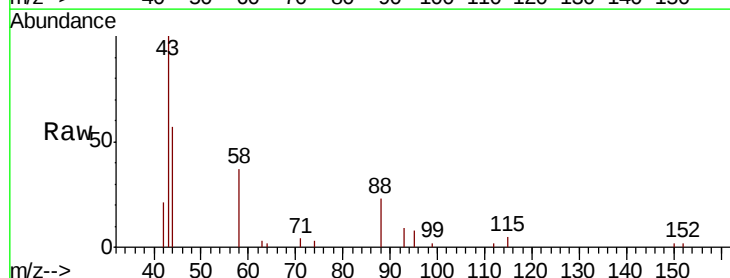
Tgt Ion: 88 Resp: 949

Ion Ratio Lower Upper

88 100

58 109.5 61.1 91.7#

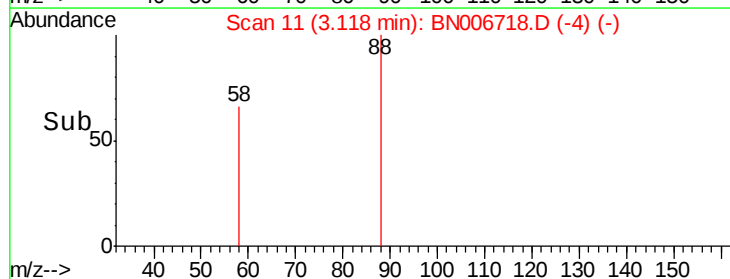
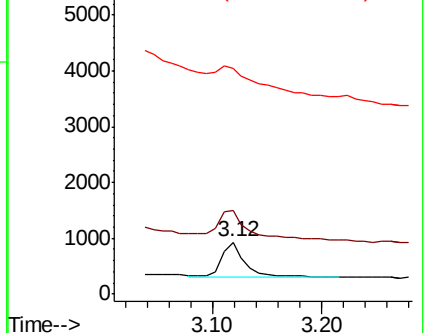
43 0.0 32.4 48.6#



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: 0.258 ng

RT: 3.45 min Scan# 52

Delta R.T. -0.05 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

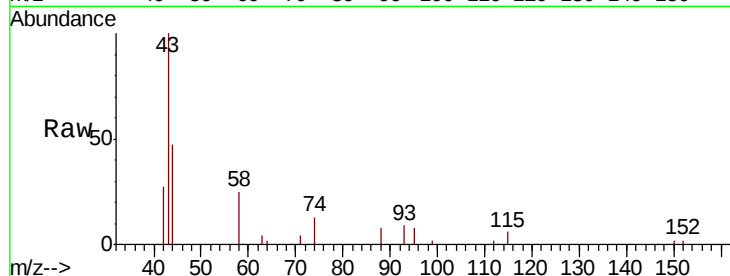
Tgt Ion: 42 Resp: 967

Ion Ratio Lower Upper

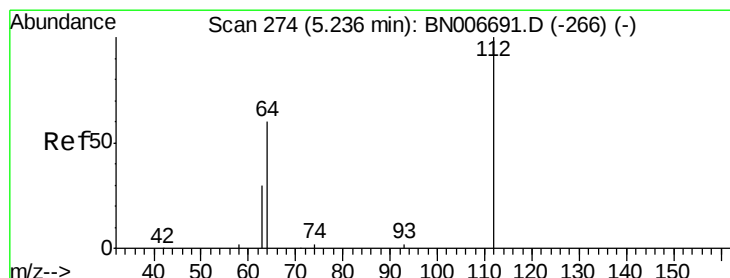
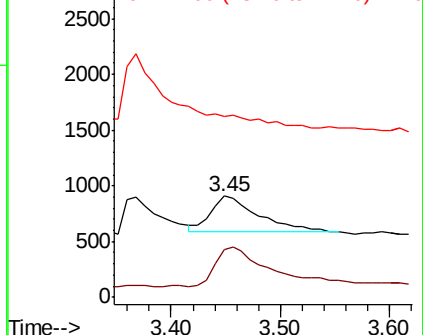
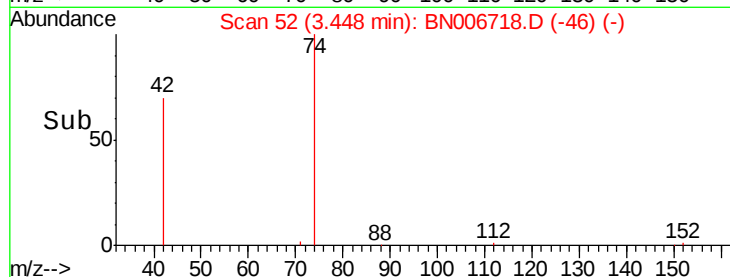
42 100

74 129.1 106.6 160.0

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: 0.213 ng

RT: 5.22 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

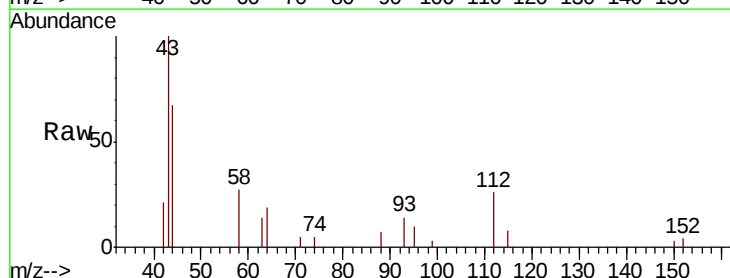
Tgt Ion: 112 Resp: 1838

Ion Ratio Lower Upper

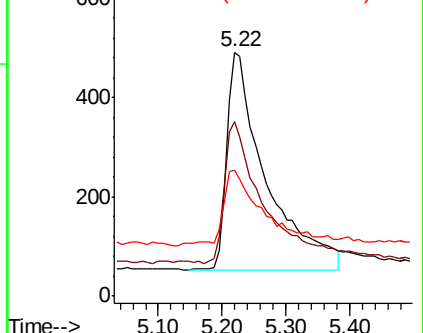
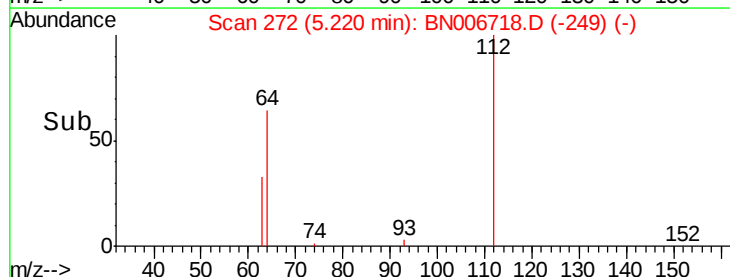
112 100

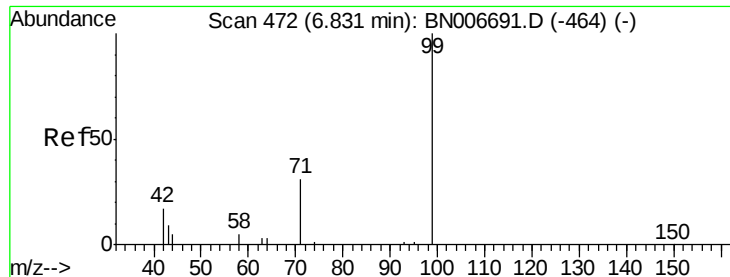
64 66.2 49.8 74.6

63 35.0 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: 0.236 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

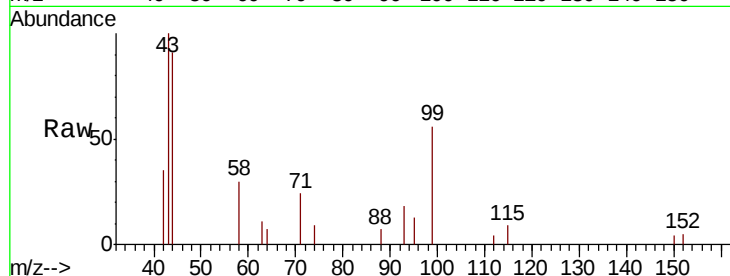
Tgt Ion: 99 Resp: 2584

Ion Ratio Lower Upper

99 100

42 28.0 16.6 25.0#

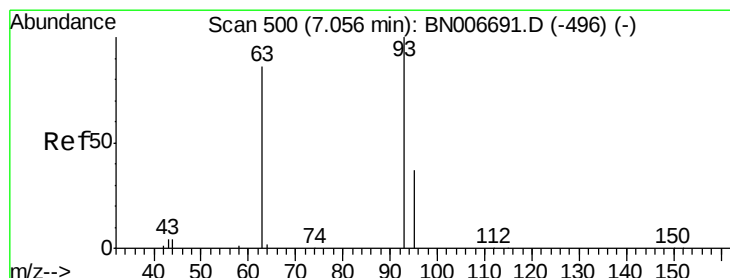
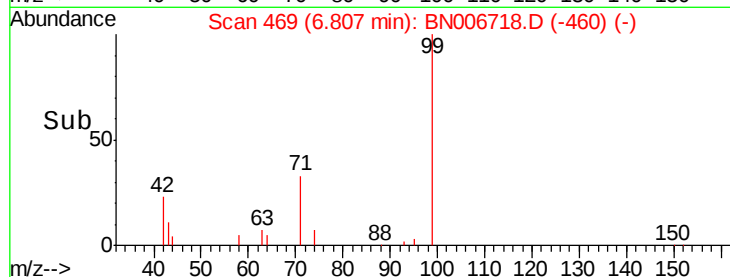
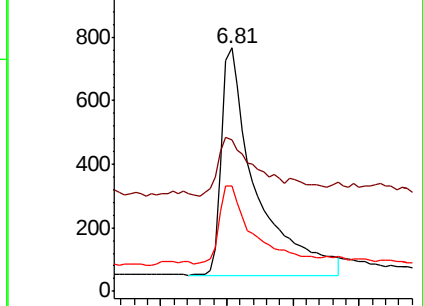
71 33.8 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006718.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006718.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006718.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.220 ng

RT: 7.03 min Scan# 497

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

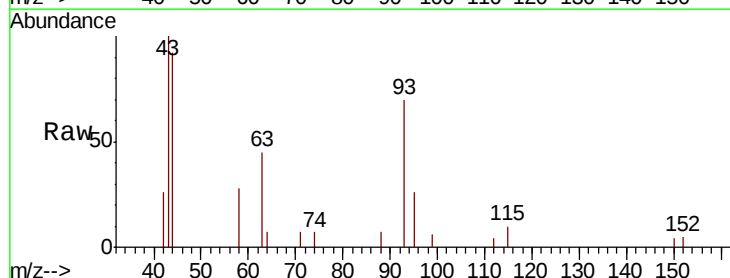
Tgt Ion: 93 Resp: 2030

Ion Ratio Lower Upper

93 100

63 70.8 58.6 87.8

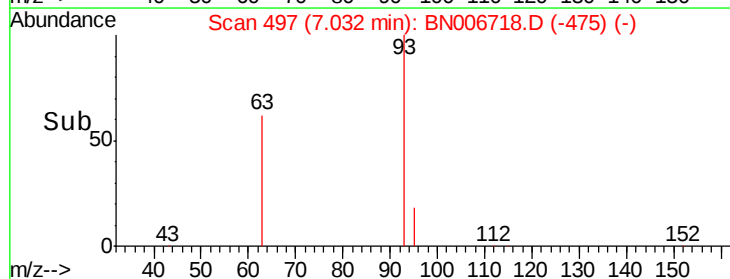
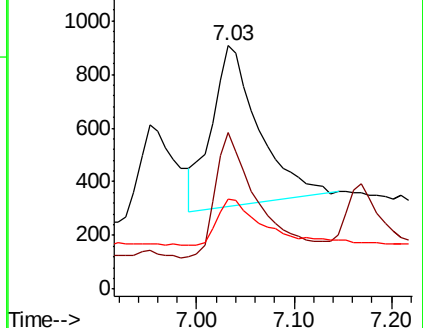
95 31.4 28.3 42.5

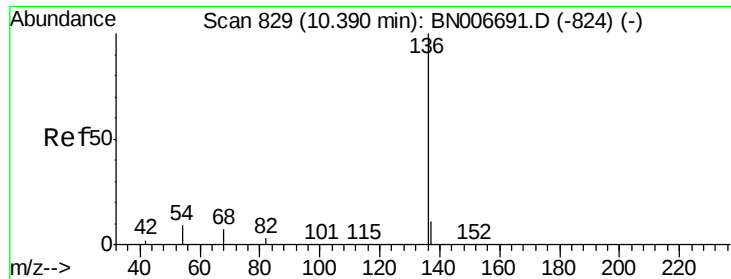


Abundance Ion 93.00 (92.70 to 93.70): BN006718.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006718.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006718.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

Tgt Ion: 136 Resp: 12460

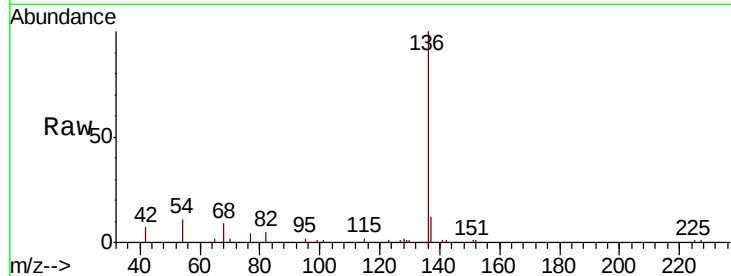
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 10.9 8.4 12.6

68 9.0 6.8 10.2

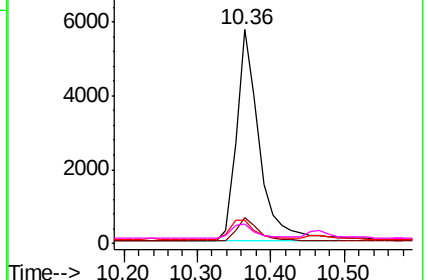
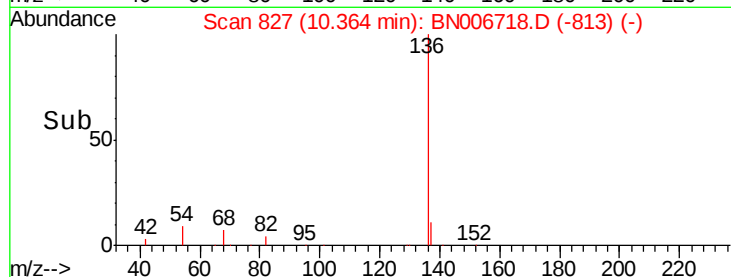


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.025 ng

RT: 8.63 min Scan# 690

Delta R.T. -0.16 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

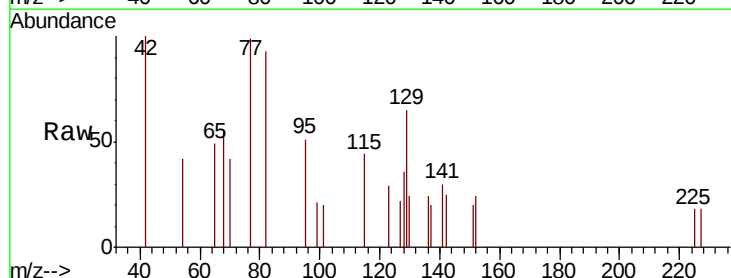
Tgt Ion: 82 Resp: 243

Ion Ratio Lower Upper

82 100

128 38.3 36.1 54.1

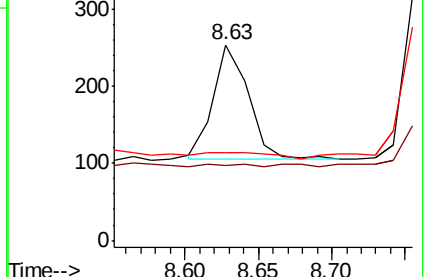
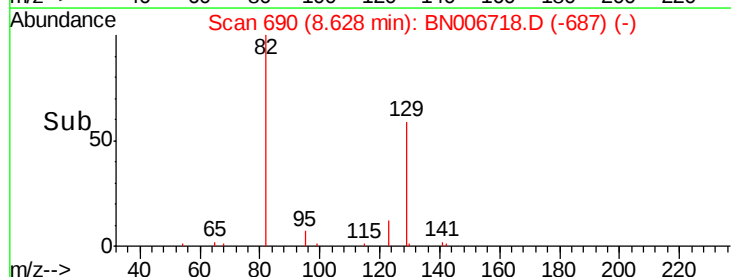
54 45.1 44.5 66.7



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.236 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

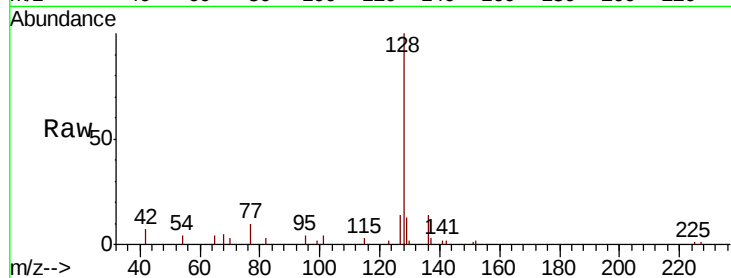
Tgt Ion:128 Resp: 8046

Ion Ratio Lower Upper

128 100

129 13.0 9.6 14.4

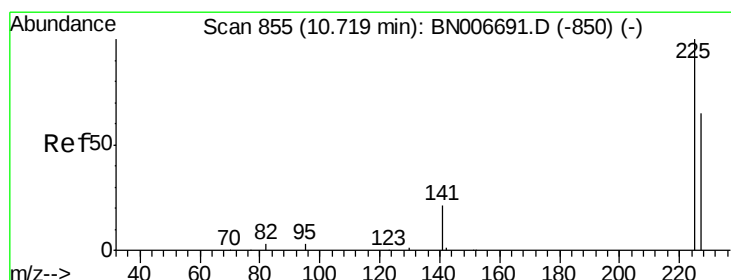
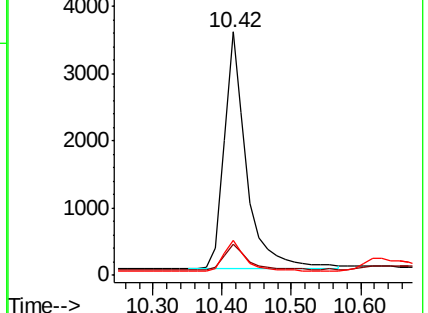
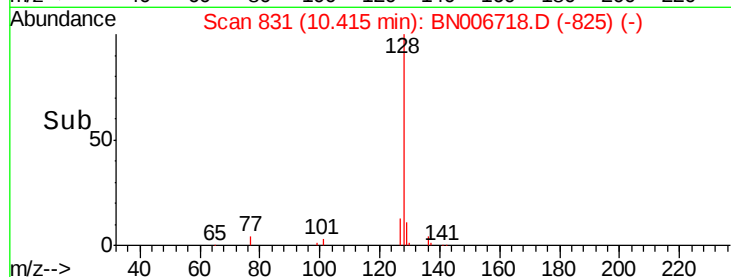
127 14.5 11.0 16.4



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: 0.200 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

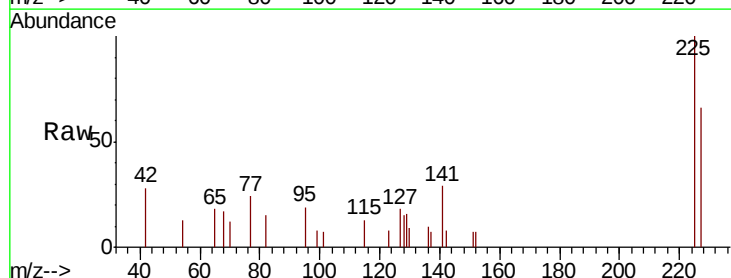
Tgt Ion:225 Resp: 1378

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

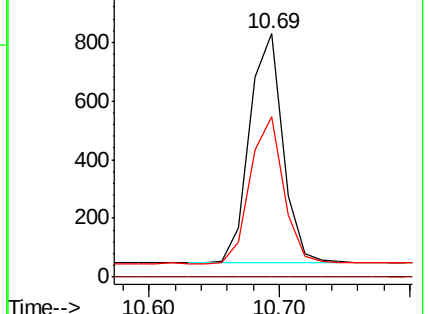
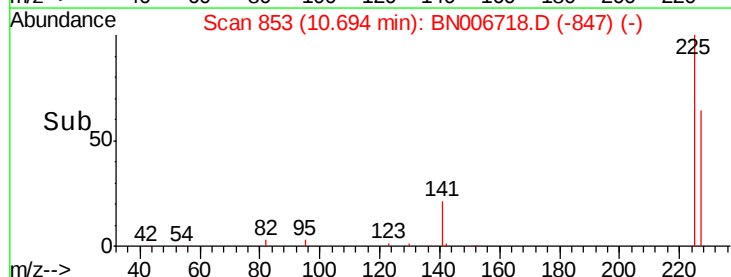
227 63.7 50.9 76.3

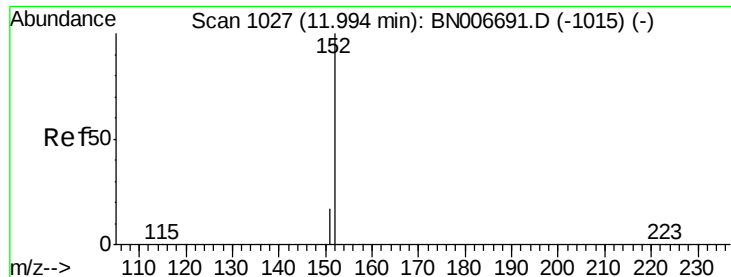


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

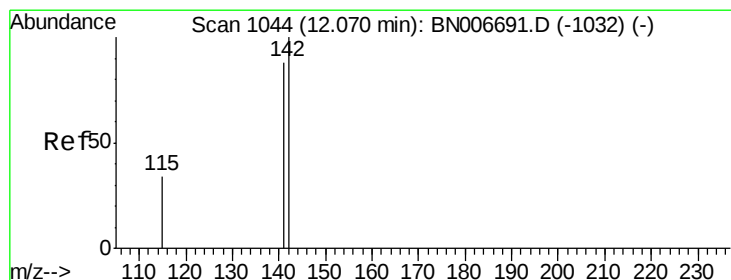
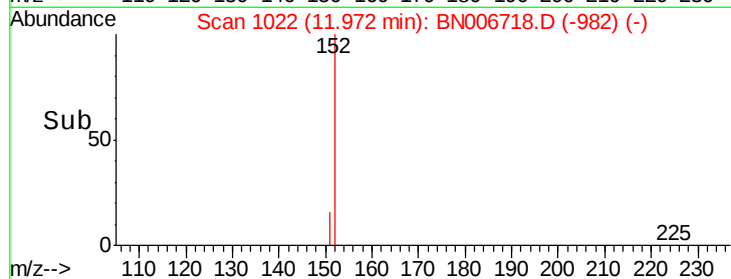
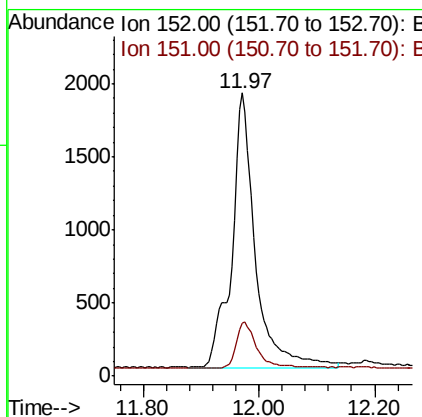
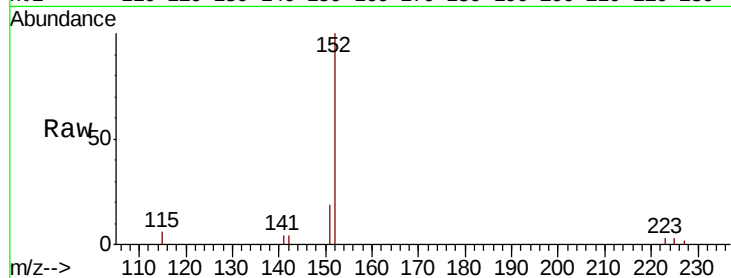




#11
 2-Methylnaphthalene-d10
 Concen: 0.275 ng
 RT: 11.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BN006718.D
 Acq: 05 Jul 2019 16:33

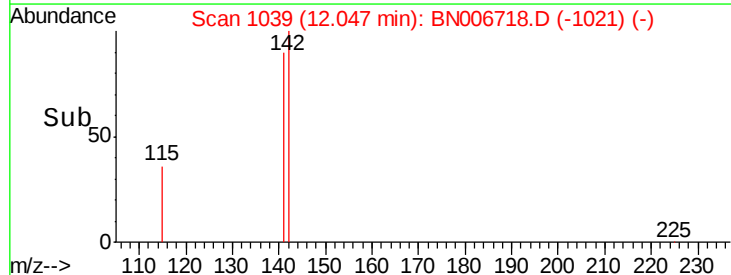
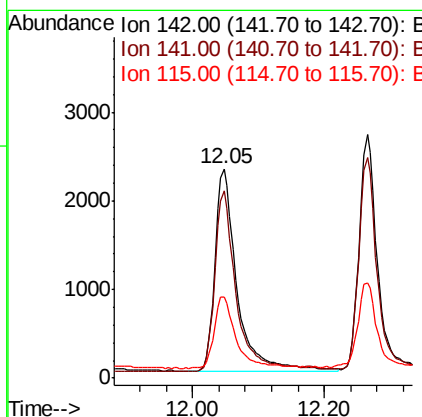
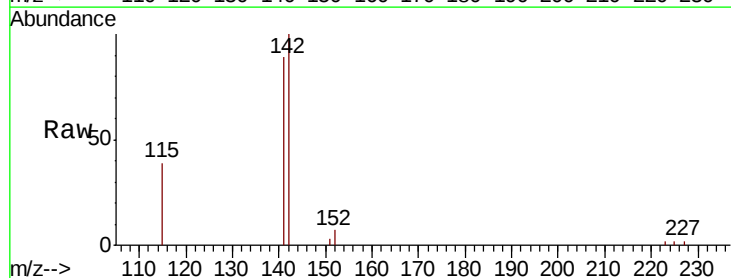
Instrument :
 BNA_N
 ClientSampleId :
 PST-032-B204-062519MS

Tgt Ion:152 Resp: 5158
 Ion Ratio Lower Upper
 152 100
 151 14.7 14.9 22.3#



#12
 2-Methylnaphthalene
 Concen: 0.198 ng
 RT: 12.05 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BN006718.D
 Acq: 05 Jul 2019 16:33

Tgt Ion:142 Resp: 5301
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.3 105.5
 115 39.1 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

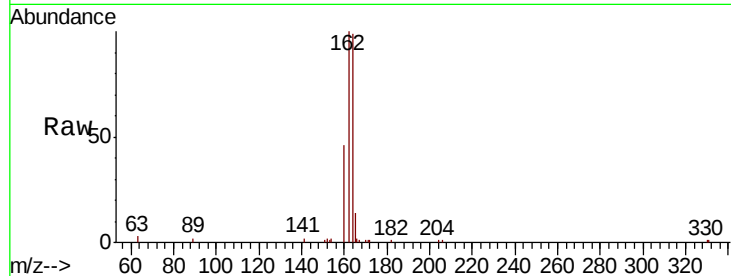
Tgt Ion:164 Resp: 7338

Ion Ratio Lower Upper

164 100

162 100.6 80.8 121.2

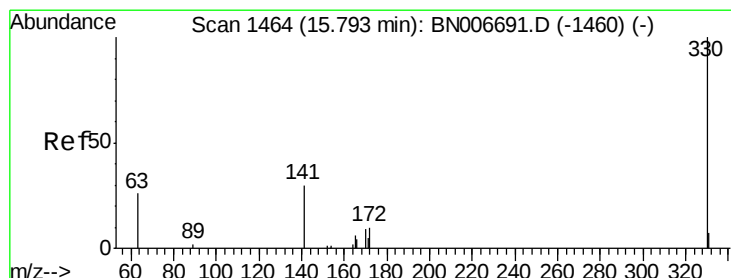
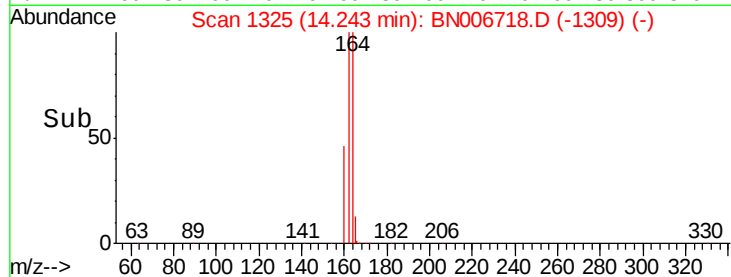
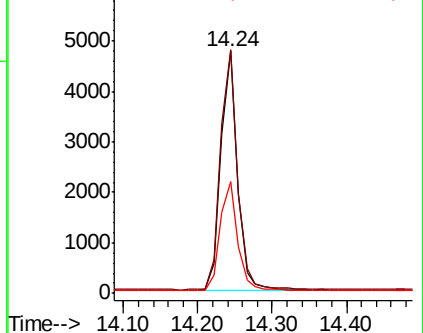
160 46.4 37.0 55.6



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: 0.238 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

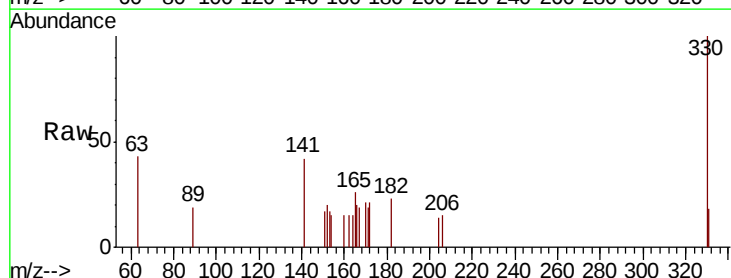
Tgt Ion:330 Resp: 857

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

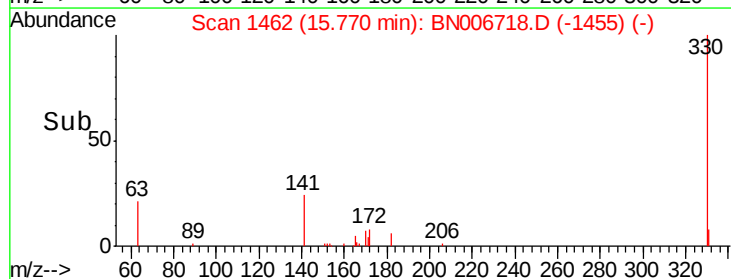
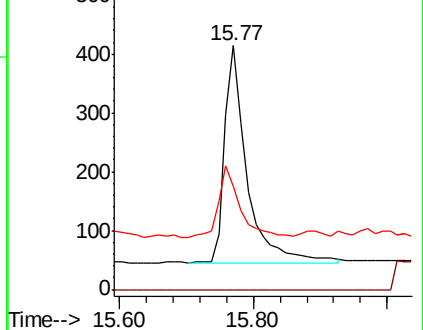
141 32.0 24.8 37.2



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

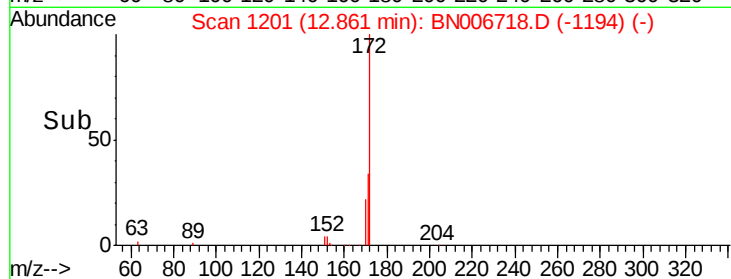
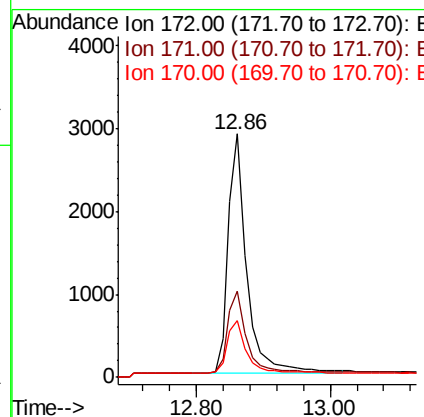
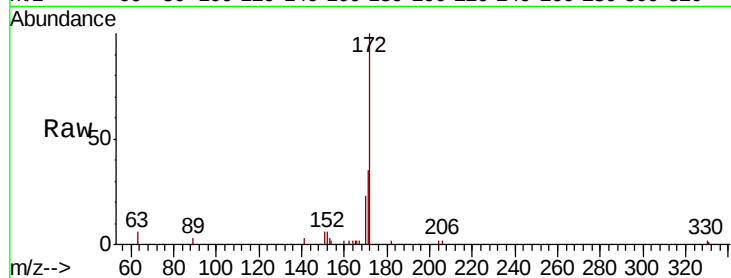




#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

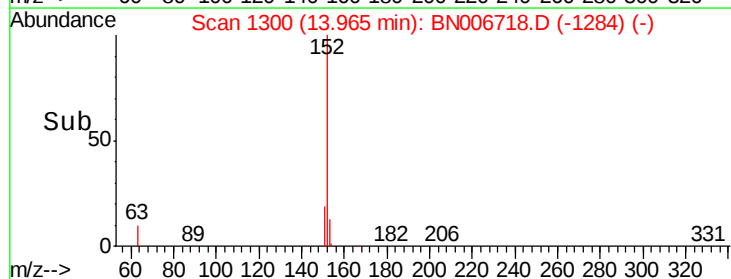
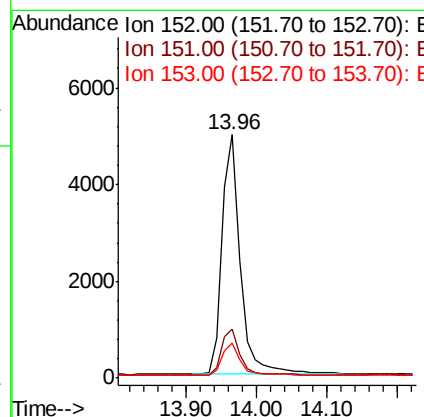
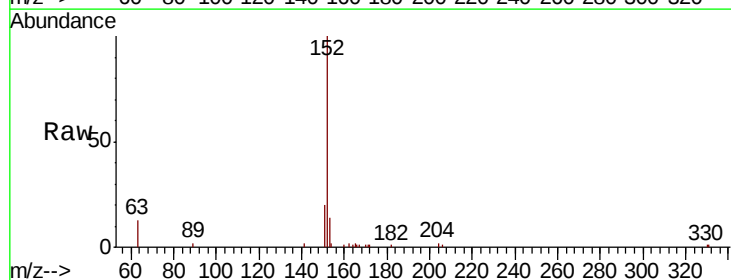
Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MS

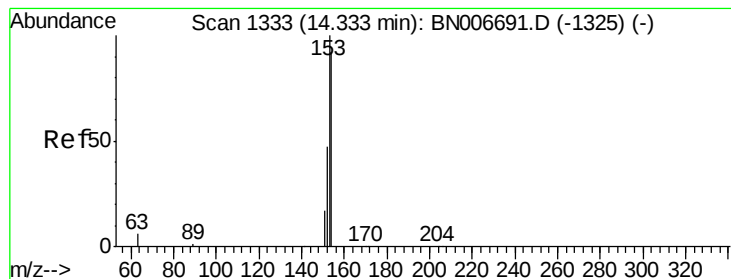
Tgt Ion:172 Resp: 5588
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 23.1 18.9 28.3



#16
Acenaphthylene
Concen: 0.250 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Tgt Ion:152 Resp: 9144
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.227 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

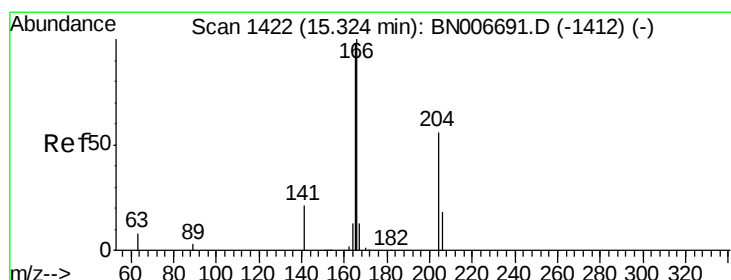
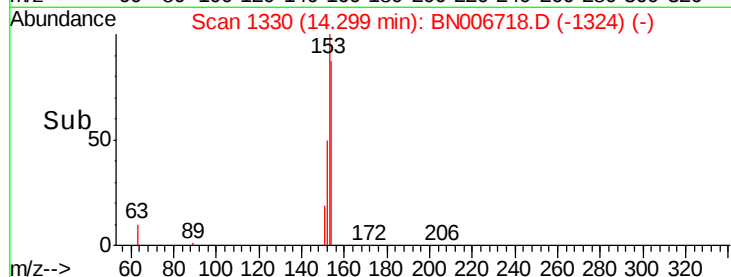
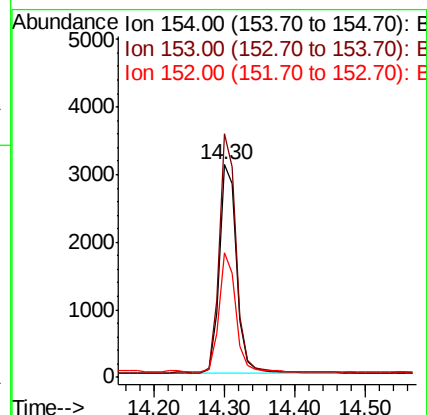
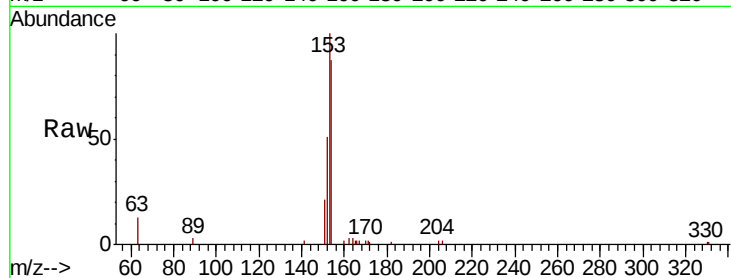
Tgt Ion:154 Resp: 5305

Ion Ratio Lower Upper

154 100

153 113.7 88.9 133.3

152 56.0 42.8 64.2



#18

Fluorene

Concen: 0.240 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

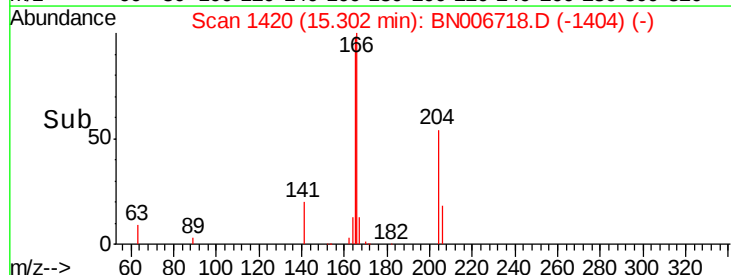
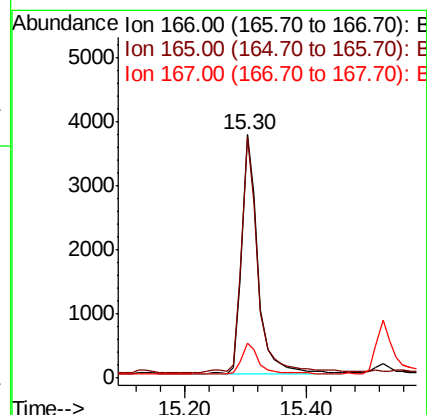
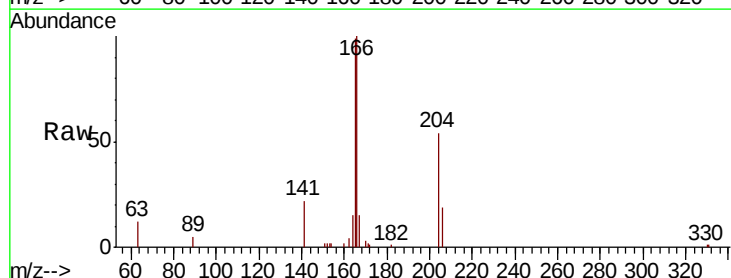
Tgt Ion:166 Resp: 6961

Ion Ratio Lower Upper

166 100

165 97.8 78.0 117.0

167 13.9 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

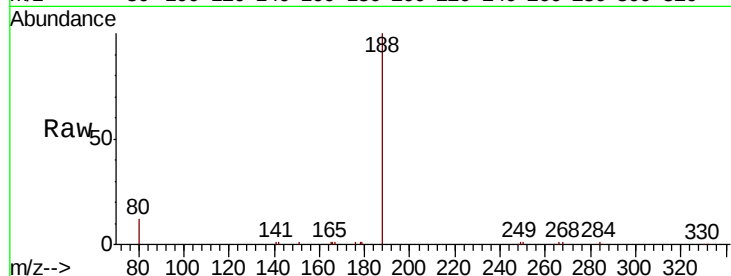
Tgt Ion:188 Resp: 17363

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

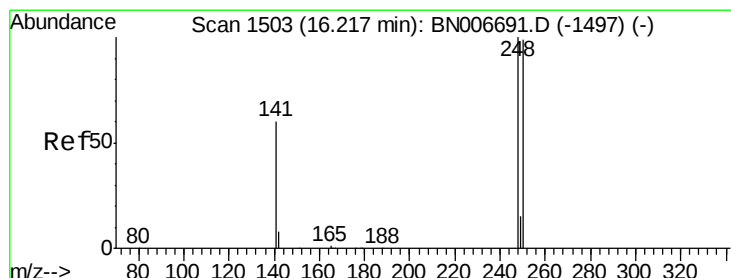
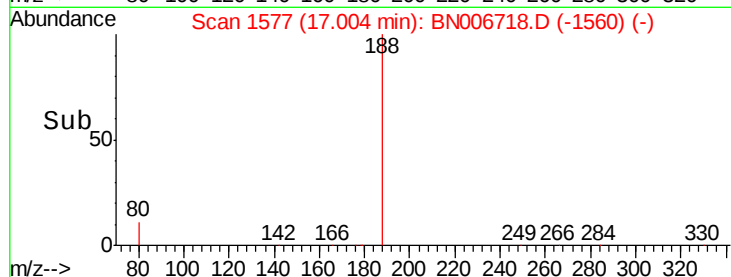
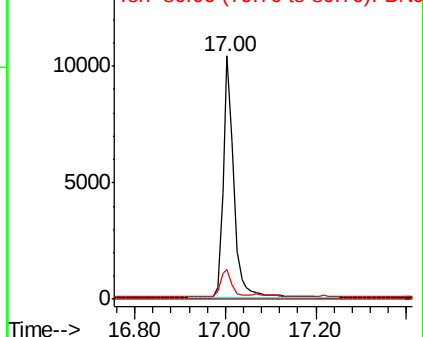
80 12.1 10.3 15.5



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: 0.196 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

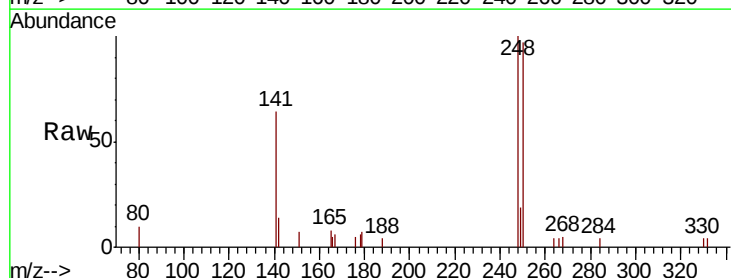
Tgt Ion:248 Resp: 2009

Ion Ratio Lower Upper

248 100

250 96.8 79.0 118.6

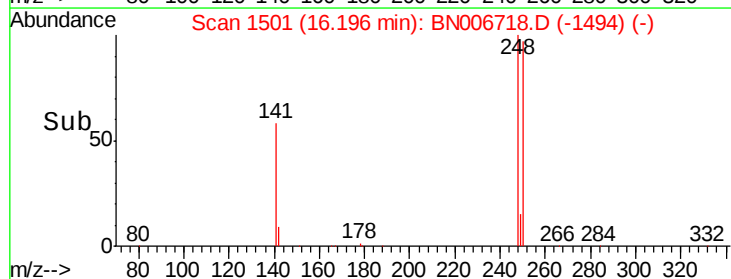
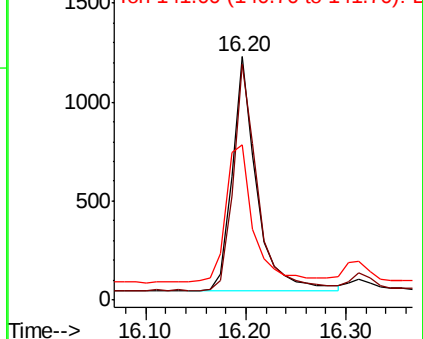
141 63.7 50.2 75.4

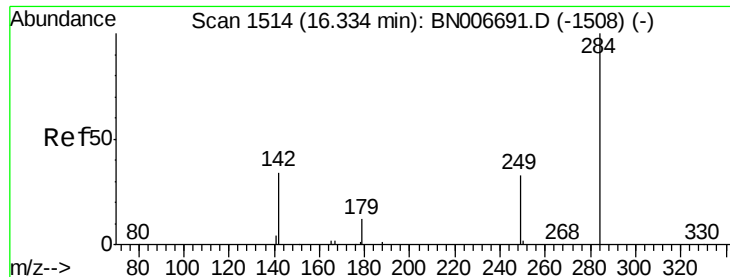


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

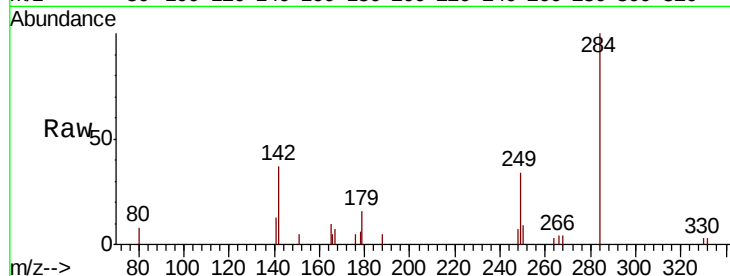




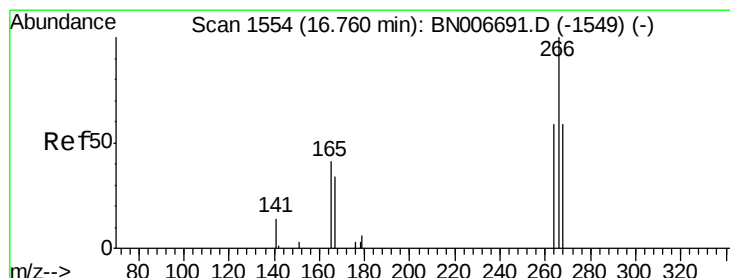
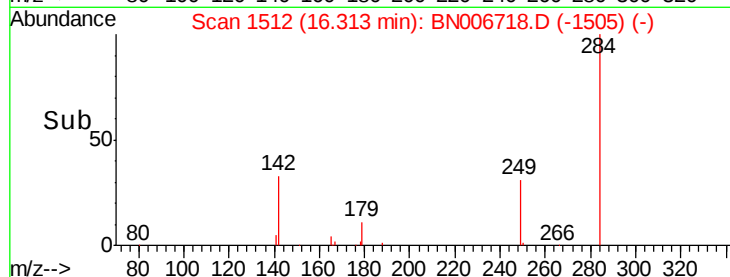
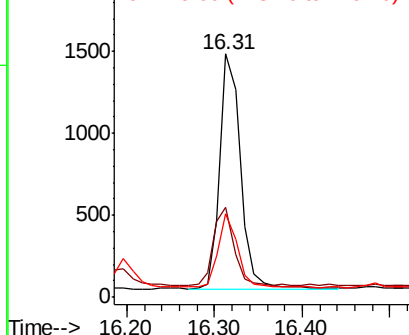
#21
Hexachlorobenzene
Concen: 0.193 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

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

Tgt Ion: 284 Resp: 2351
Ion Ratio Lower Upper
284 100
142 32.3 26.9 40.3
249 29.5 24.4 36.6

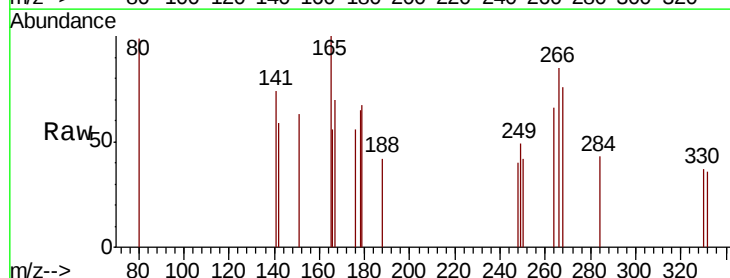


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

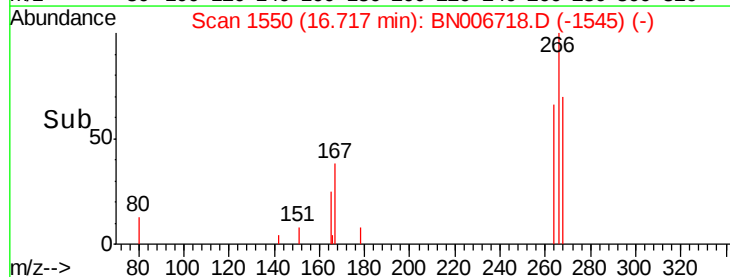
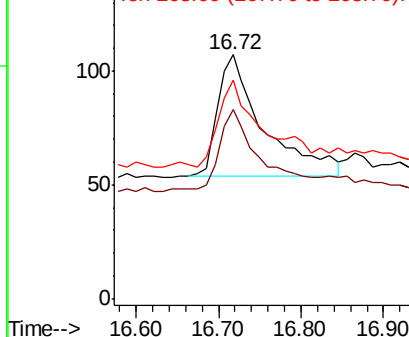


#22
Pentachlorophenol
Concen: 0.237 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Tgt Ion: 266 Resp: 205
Ion Ratio Lower Upper
266 100
264 77.6 57.6 86.4
268 89.7 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: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

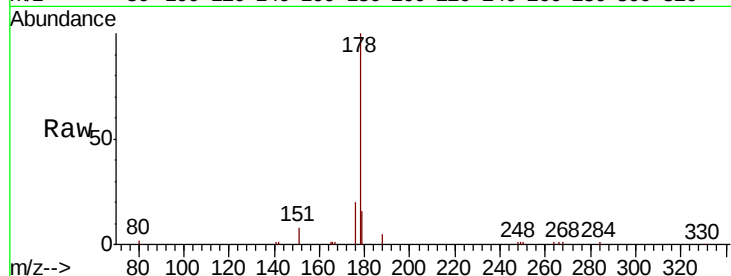
Tgt Ion:178 Resp: 14978

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

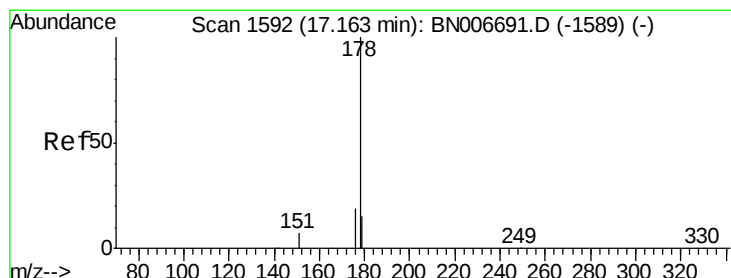
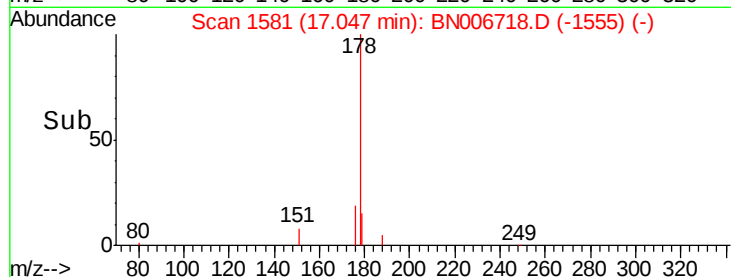
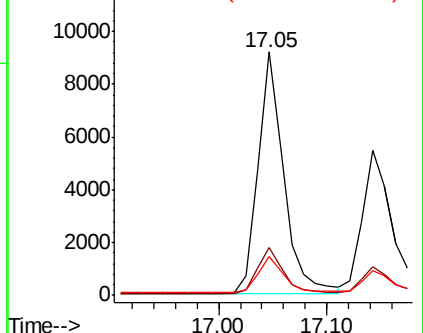
179 15.6 12.4 18.6



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: 0.229 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

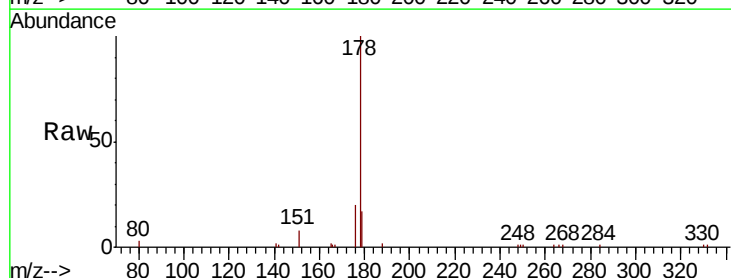
Tgt Ion:178 Resp: 10379

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

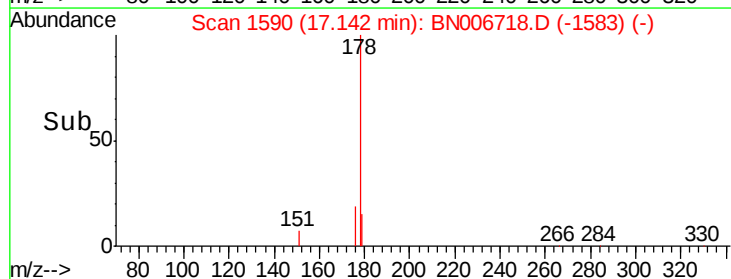
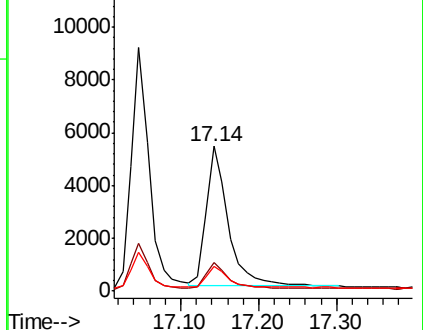
179 14.7 11.9 17.9

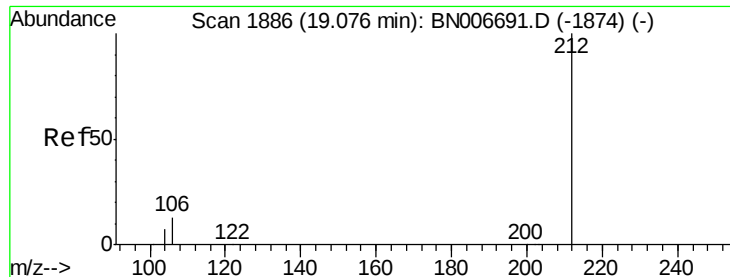


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.204 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

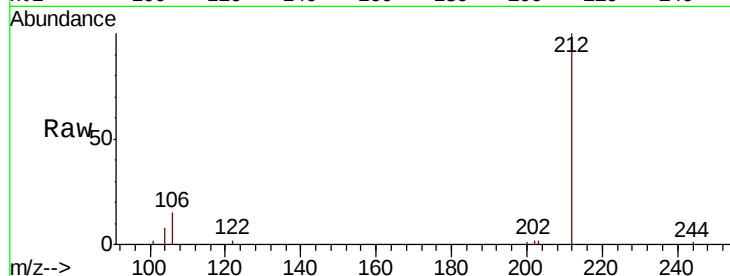
Tgt Ion:212 Resp: 10138

Ion Ratio Lower Upper

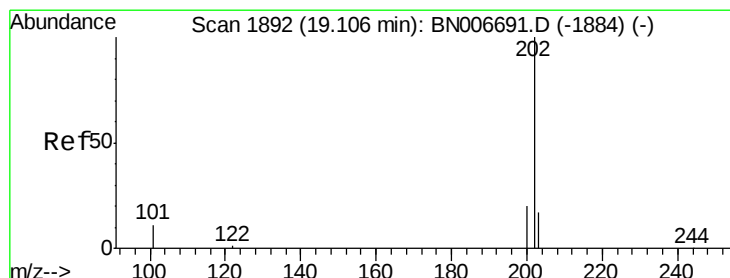
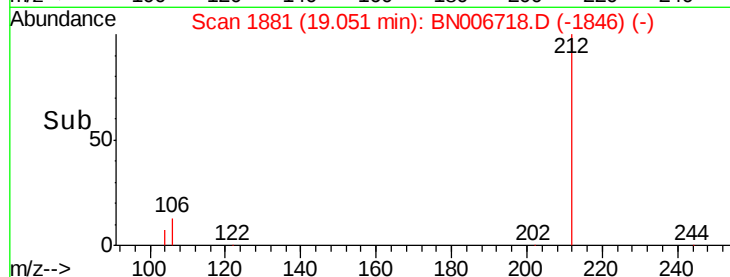
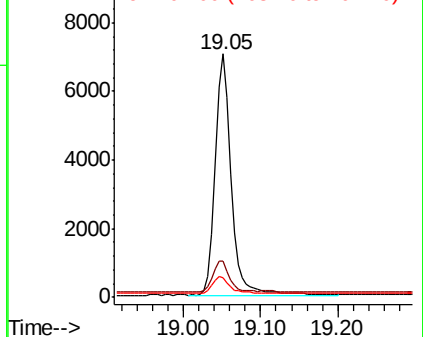
212 100

106 13.4 11.0 16.6

104 7.6 6.1 9.1



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



#26

Fluoranthene

Concen: 0.389 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

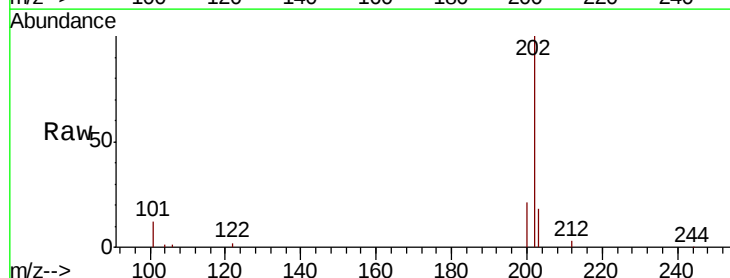
Tgt Ion:202 Resp: 22855

Ion Ratio Lower Upper

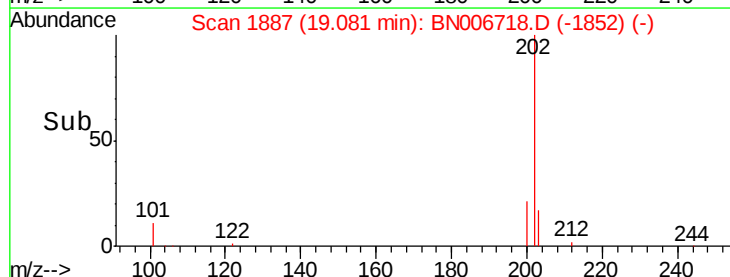
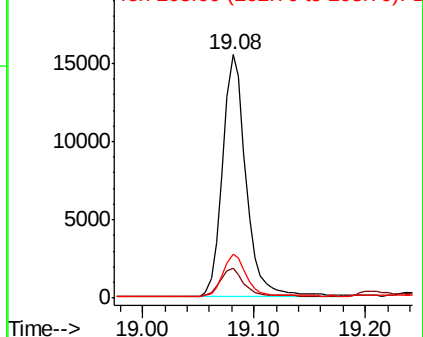
202 100

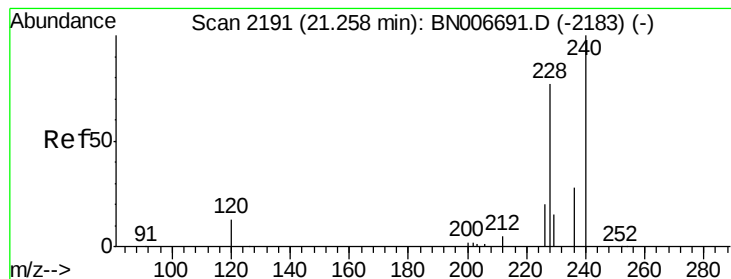
101 12.6 8.7 13.1

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: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

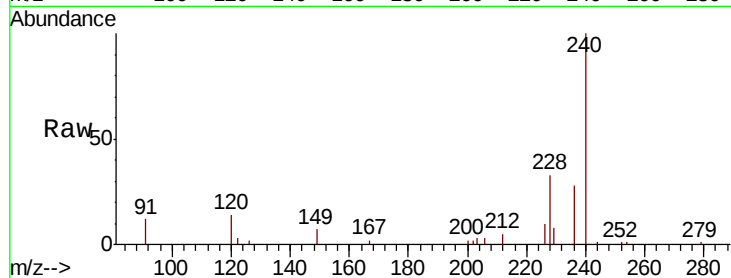
Tgt Ion:240 Resp: 17013

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

236 27.7 23.2 34.8

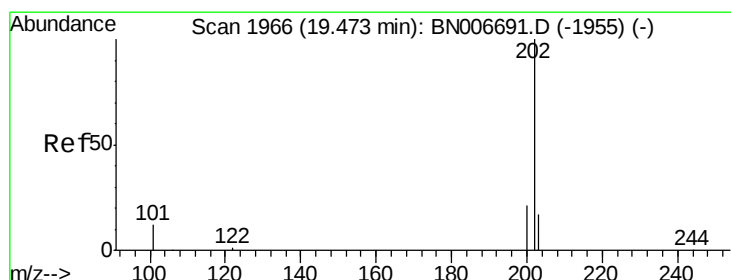
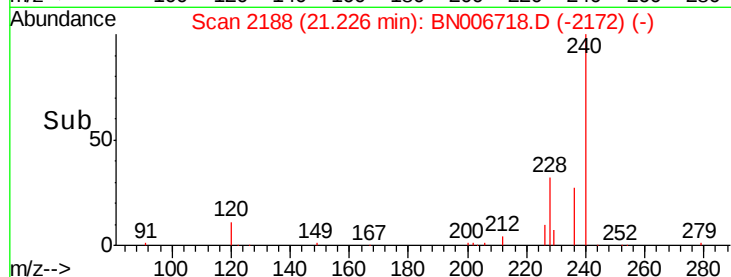
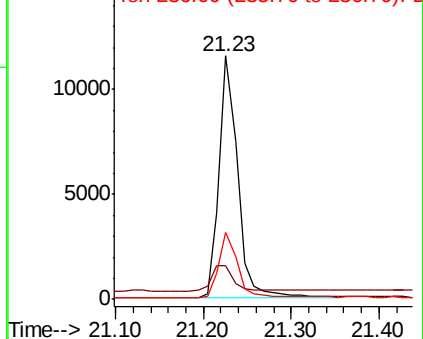


Abundance

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: 0.345 ng

RT: 19.45 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

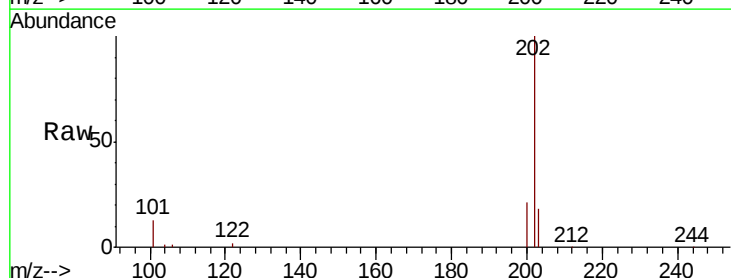
Tgt Ion:202 Resp: 23496

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

203 18.4 14.2 21.2

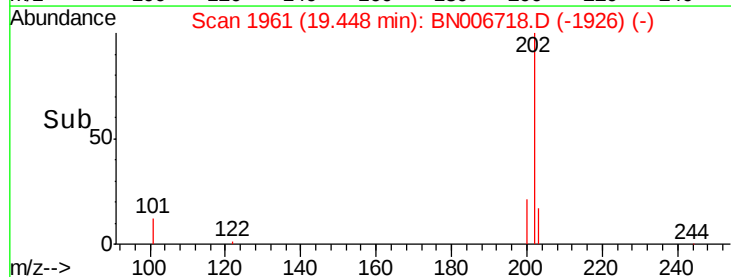
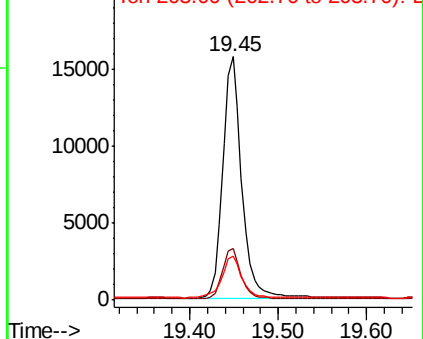


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.182 ng

RT: 19.65 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

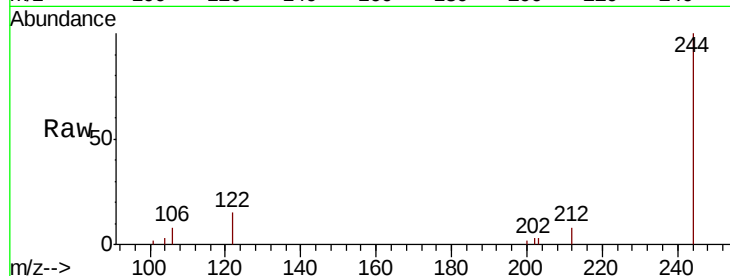
Tgt Ion:244 Resp: 7119

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

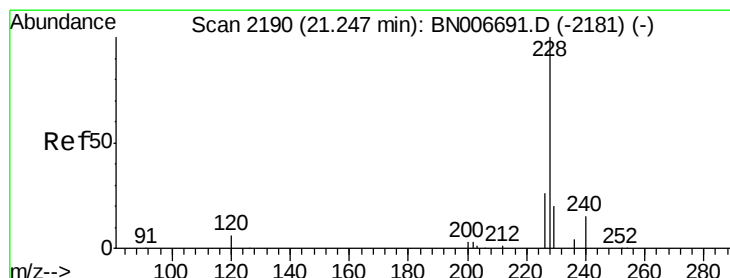
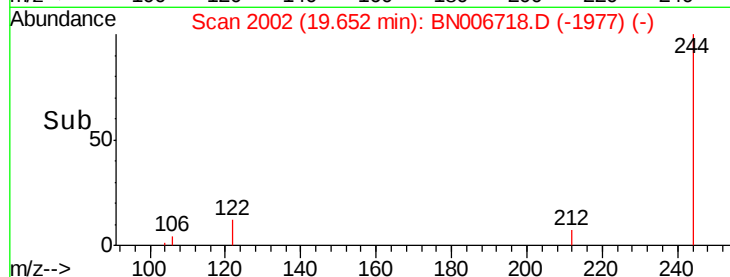
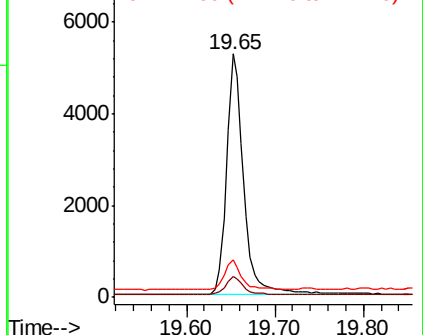
122 15.3 11.5 17.3



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: 0.287 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

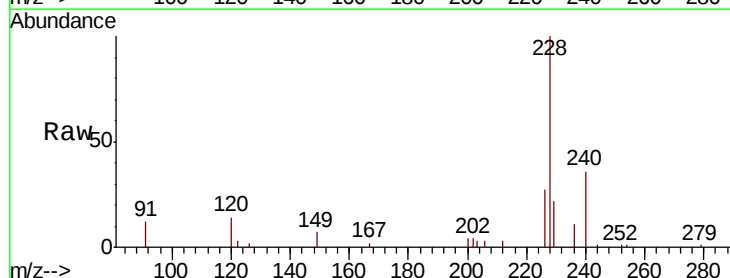
Tgt Ion:228 Resp: 16836

Ion Ratio Lower Upper

228 100

226 27.1 21.5 32.3

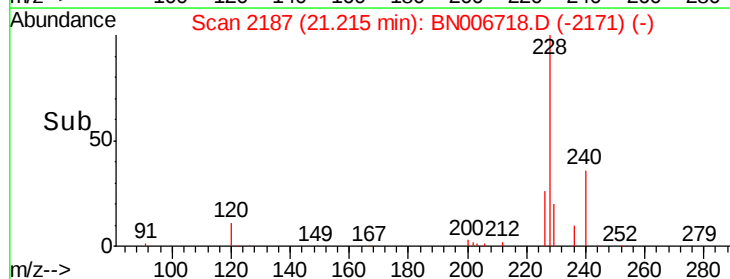
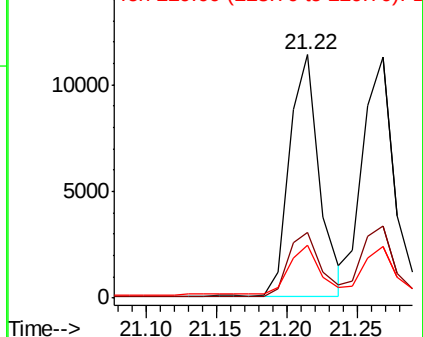
229 21.6 16.2 24.4



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: 0.289 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

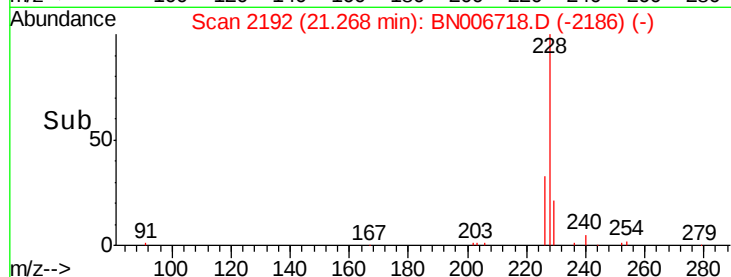
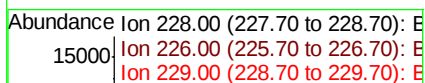
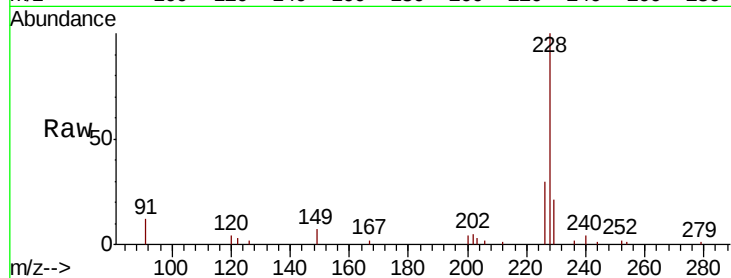
Tgt Ion:228 Resp: 17488

Ion Ratio Lower Upper

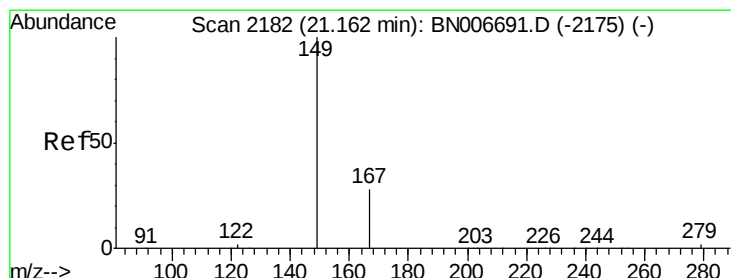
228 100

226 30.0 24.2 36.2

229 21.3 15.8 23.6



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

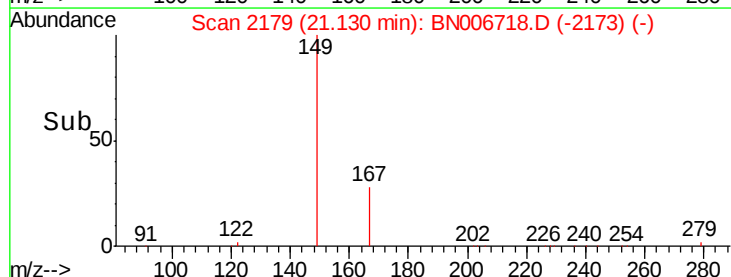
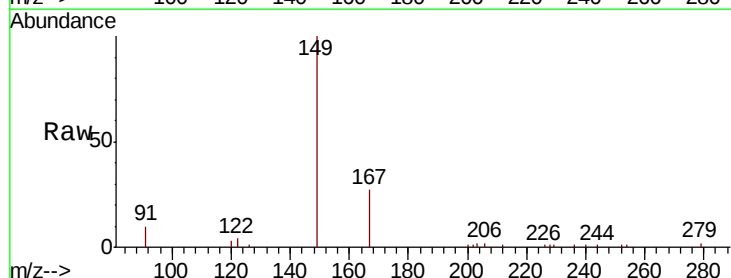
Tgt Ion:149 Resp: 13588

Ion Ratio Lower Upper

149 100

167 28.3 22.9 34.3

279 4.5 3.2 4.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.262 ng

RT: 25.68 min Scan# 3255

Delta R.T. -0.07 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

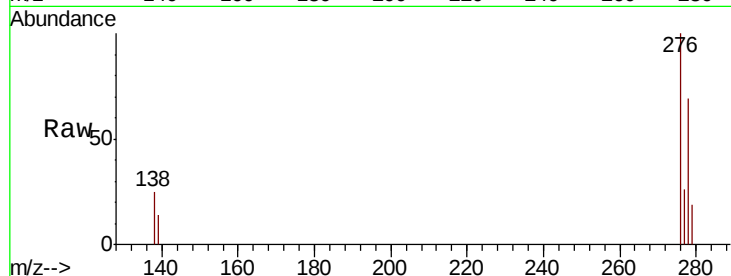
Tgt Ion:276 Resp: 18967

Ion Ratio Lower Upper

276 100

138 22.0 19.5 29.3

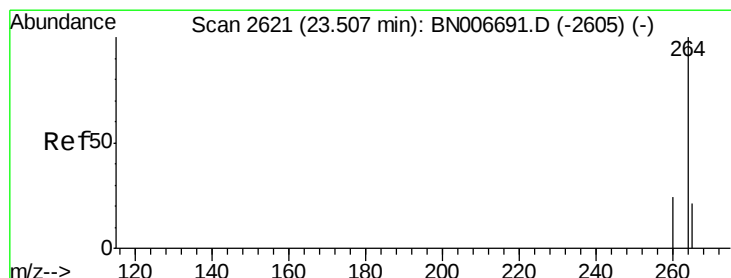
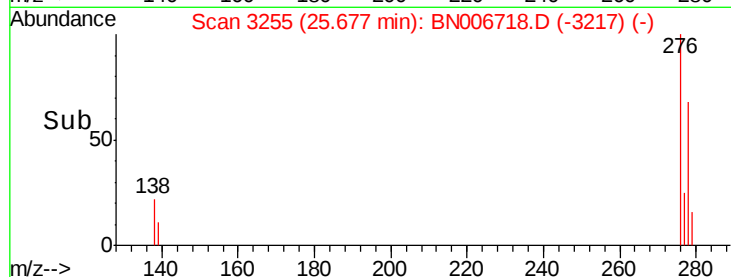
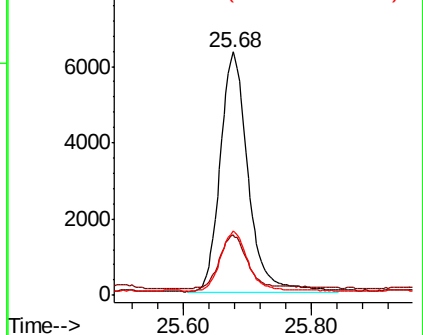
277 24.5 19.7 29.5



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: 23.45 min Scan# 2604

Delta R.T. -0.06 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

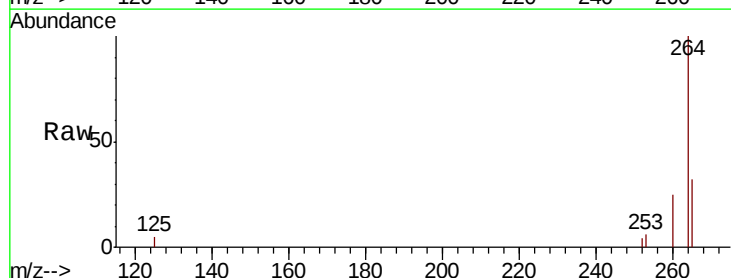
Tgt Ion:264 Resp: 19760

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

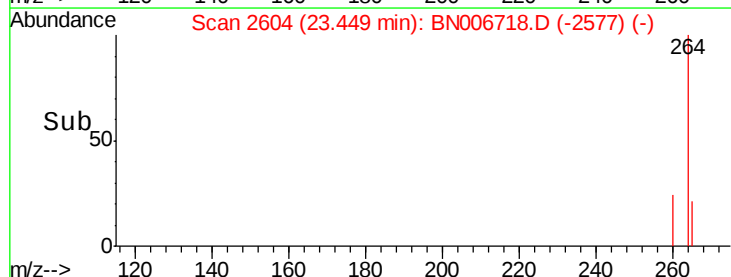
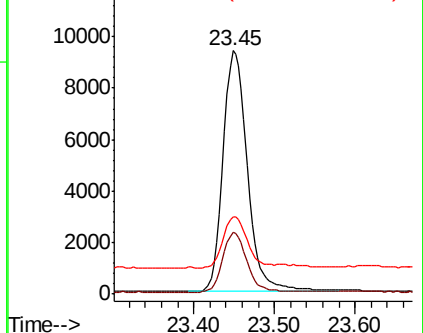
265 31.9 33.7 50.5#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

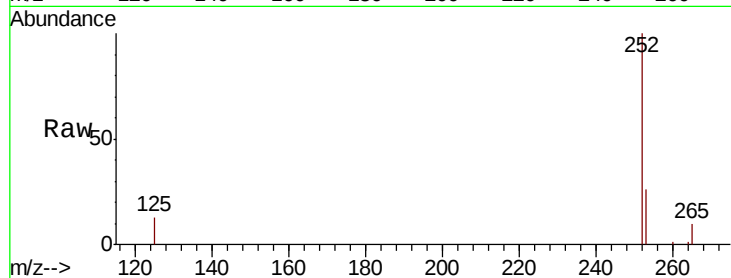




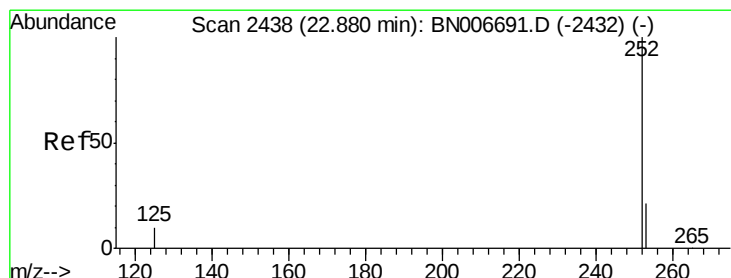
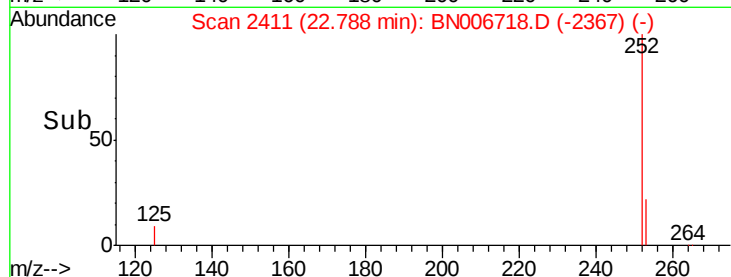
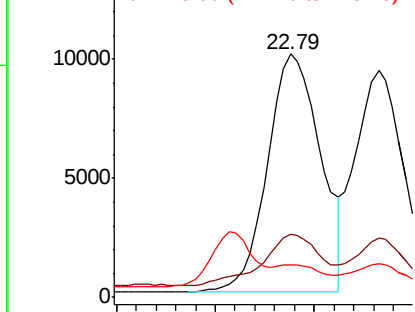
#35
Benzo(b)fluoranthene
Concen: 0.293 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

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

Tgt Ion:252 Resp: 18595
Ion Ratio Lower Upper
252 100
253 26.0 20.2 30.2
125 13.5 11.5 17.3

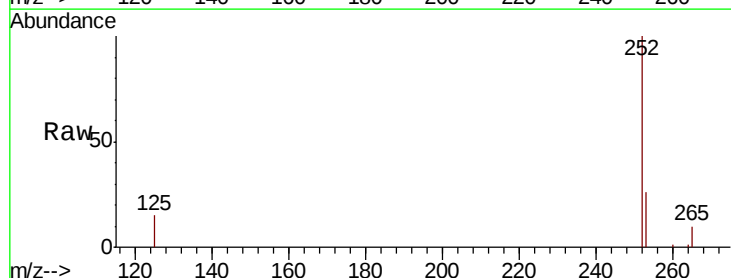


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

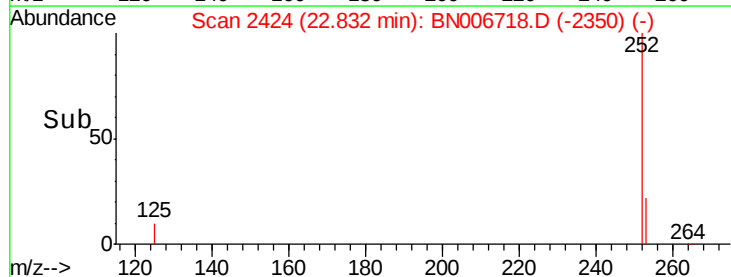
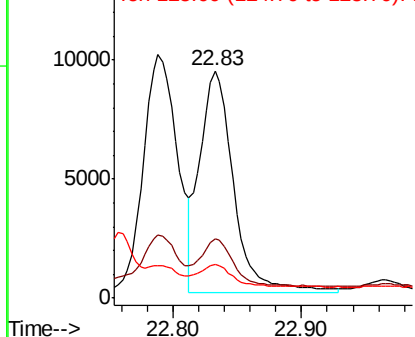


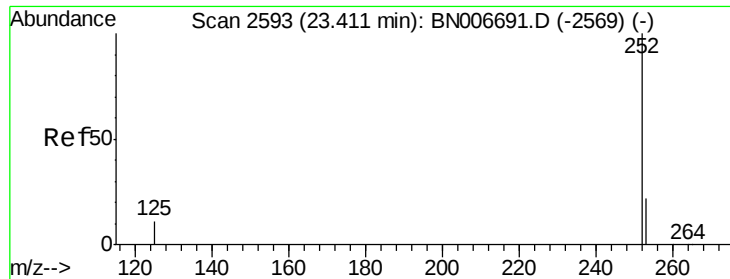
#36
Benzo(k)fluoranthene
Concen: 0.248 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.05 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Tgt Ion:252 Resp: 17033
Ion Ratio Lower Upper
252 100
253 26.3 20.1 30.1
125 14.6 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: 0.282 ng

RT: 23.36 min Scan# 2577

Delta R.T. -0.05 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS

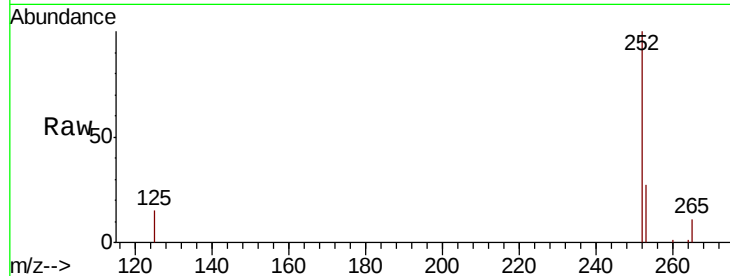
Tgt Ion:252 Resp: 17345

Ion Ratio Lower Upper

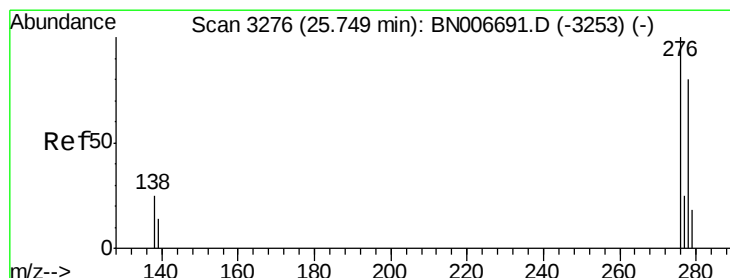
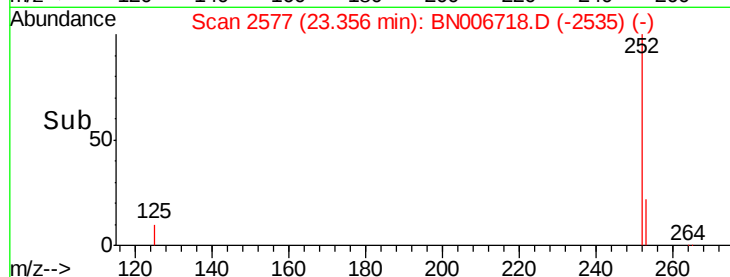
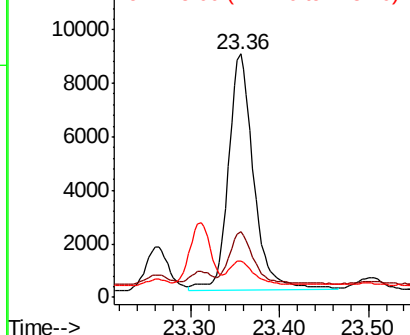
252 100

253 26.8 21.4 32.2

125 15.1 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: 0.216 ng

RT: 25.68 min Scan# 3256

Delta R.T. -0.07 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

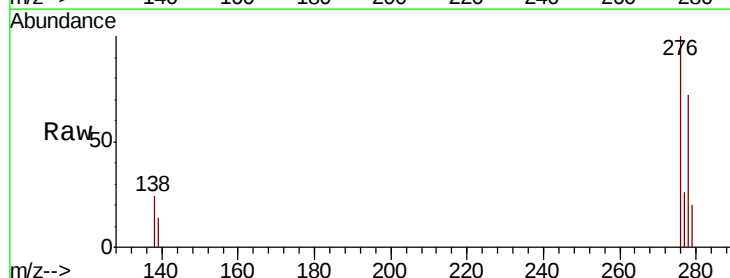
Tgt Ion:278 Resp: 13215

Ion Ratio Lower Upper

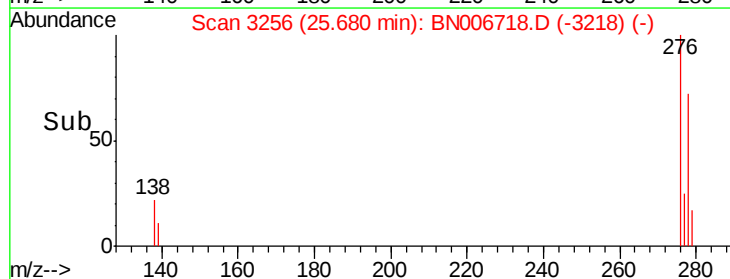
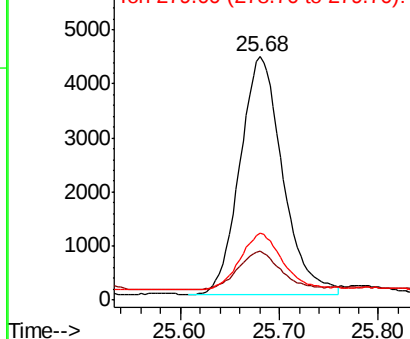
278 100

139 20.1 16.2 24.4

279 27.6 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# 3452

Delta R.T. -0.08 min

Lab File: BN006718.D

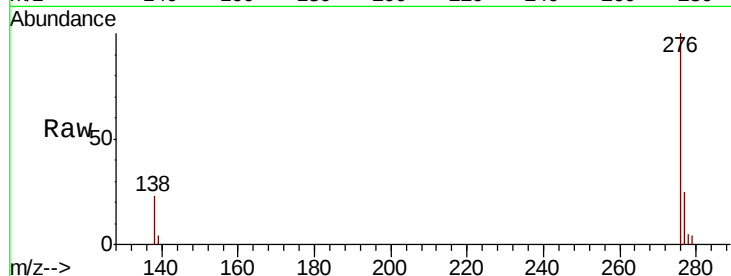
Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

ClientSampleId :

PST-032-B204-062519MS



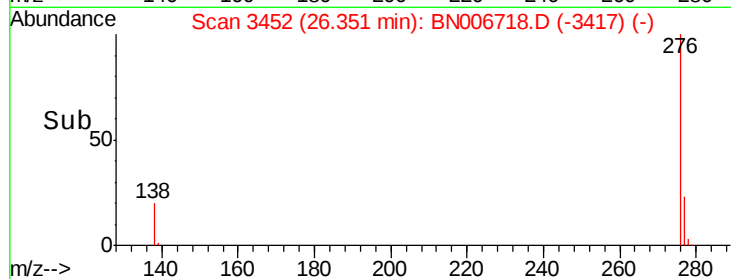
Tgt Ion: 276 Resp: 16940

Ion Ratio Lower Upper

276 100

277 25.1 20.6 30.8

138 22.7 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

