

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006725.D
 Acq On : 05 Jul 2019 20:35
 Operator : HP/JU
 Sample : K3560-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-012-SW139-062419

Quant Time: Jul 05 22:53:04 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	2905	0.40	ng	-0.03
7) Naphthalene-d8	10.36	136	11226	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	6700	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	15507	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	15634	0.40	ng	-0.03
34) Perylene-d12	23.45	264	17744	0.40	ng	-0.06

System Monitoring Compounds

4) 2-Fluorophenol	5.21	112	2806	0.36	ng	-0.02
5) Phenol-d6	6.79	99	3996	0.40	ng	-0.04
8) Nitrobenzene-d5	8.78	82	2708	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	6435	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	15.76	330	1244	0.38	ng	-0.03
15) 2-Fluorobiphenyl	12.86	172	8599	0.33	ng	-0.02
25) Fluoranthene-d10	19.05	212	13138	0.30	ng	-0.03
29) Terphenyl-d14	19.65	244	9463	0.26	ng	-0.03

Target Compounds

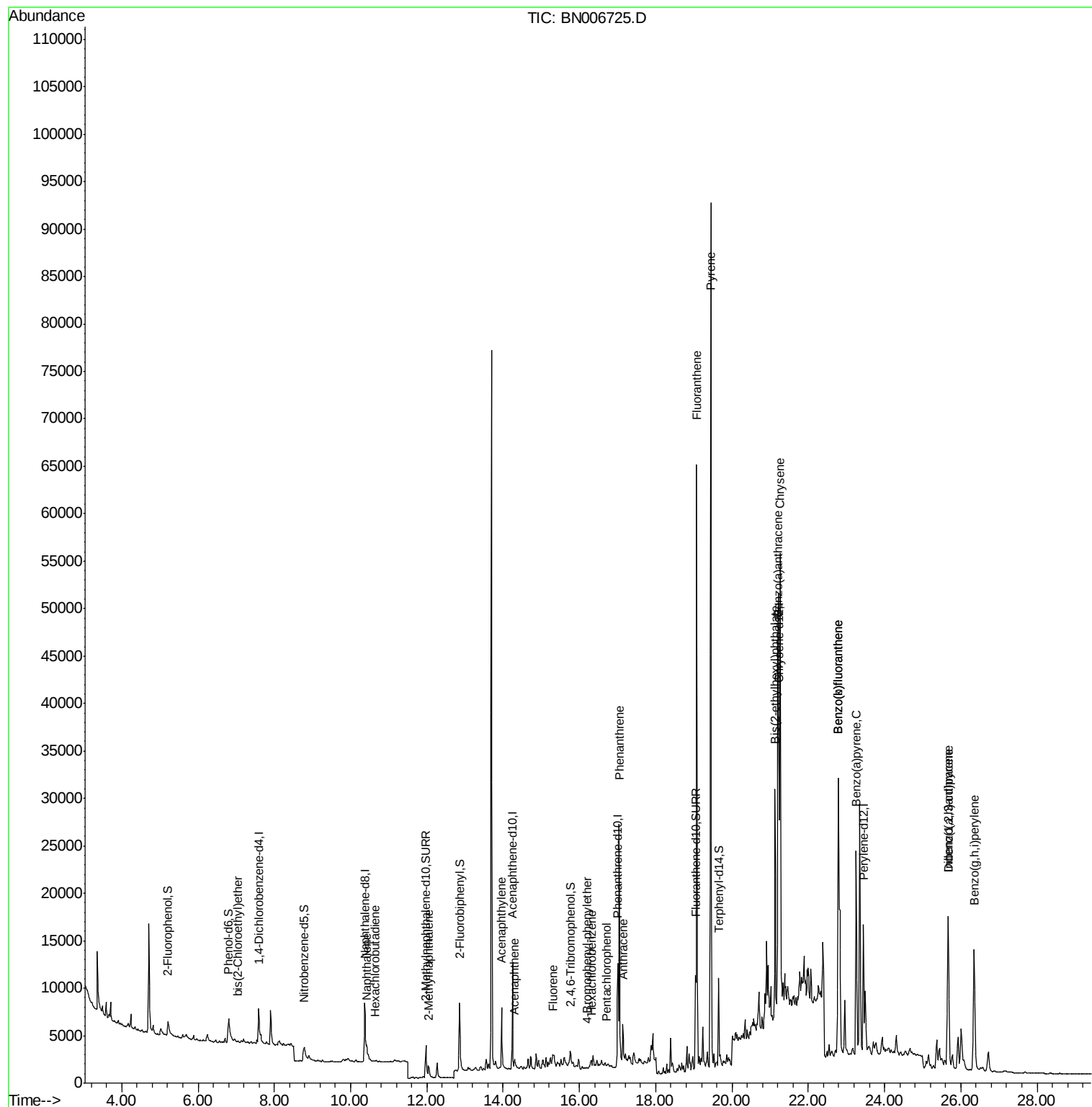
						Qvalue
6) bis(2-Chloroethyl)ether	7.05	93	39	0.005	ng	# 1
9) Naphthalene	10.41	128	2220	0.072	ng	# 86
10) Hexachlorobutadiene	10.64	225	1	0.000	ng	# 18
12) 2-Methylnaphthalene	12.05	142	1303	0.017	ng	# 91
16) Acenaphthylene	13.96	152	8640	0.259	ng	99
17) Acenaphthene	14.30	154	538	0.025	ng	# 83
18) Fluorene	15.31	166	1335	0.051	ng	# 79
20) 4-Bromophenyl-phenylether	16.20	248	3	0.000	ng	# 6
21) Hexachlorobenzene	16.31	284	9	0.001	ng	# 43
22) Pentachlorophenol	16.72	266	8	0.116	ng	# 73
23) Phenanthrene	17.05	178	29645	0.663	ng	99
24) Anthracene	17.14	178	5463	0.135	ng	# 92
26) Fluoranthene	19.08	202	57937	1.104	ng	98
28) Pyrene	19.44	202	80157	1.281	ng	97
30) Benzo(a)anthracene	21.20	228	36194	0.671	ng	94
31) Chrysene	21.26	228	44483	0.800	ng	96
32) Bis(2-ethylhexyl)phthalate	21.13	149	19852	0.123	ng	100
33) Indeno(1,2,3-cd)pyrene	25.67	276	24451	0.368	ng	95
35) Benzo(b)fluoranthene	22.79	252	47780	0.839	ng	97
36) Benzo(k)fluoranthene	22.79	252	47780	0.774	ng	97
37) Benzo(a)pyrene	23.26	252	28553	0.517	ng	98
38) Dibenzo(a,h)anthracene	25.67	278	7282	0.133	ng	# 79
39) Benzo(g,h,i)perylene	26.35	276	26604	0.472	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: BN006725.D

Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

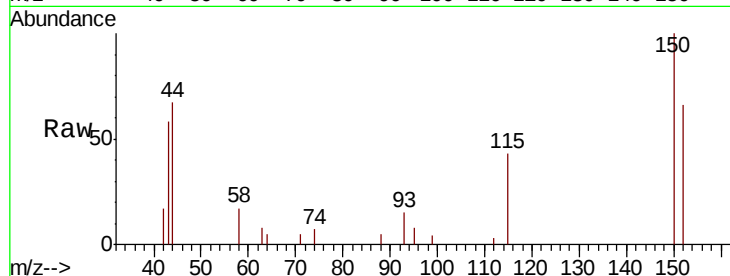
Tgt Ion:152 Resp: 2905

Ion Ratio Lower Upper

152 100

150 152.0 120.6 181.0

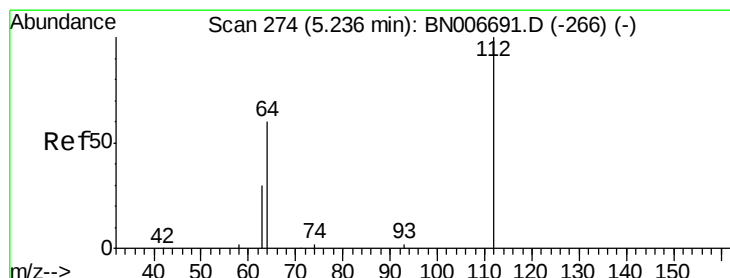
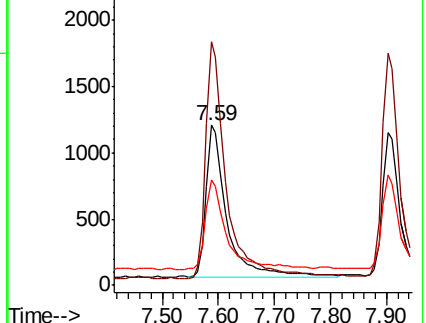
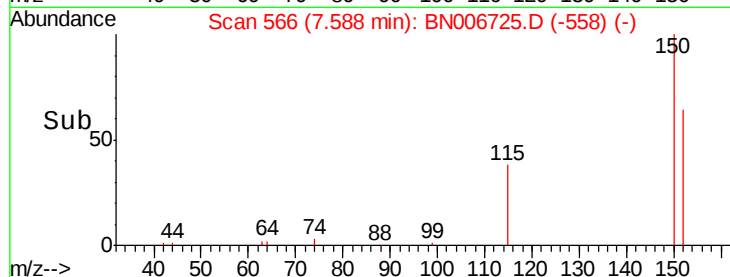
115 65.8 51.0 76.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.356 ng

RT: 5.21 min Scan# 271

Delta R.T. -0.02 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

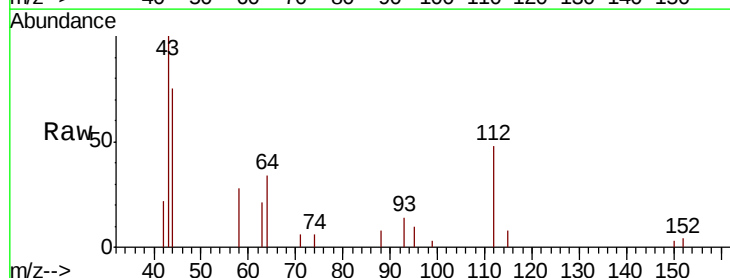
Tgt Ion:112 Resp: 2806

Ion Ratio Lower Upper

112 100

64 64.8 49.8 74.6

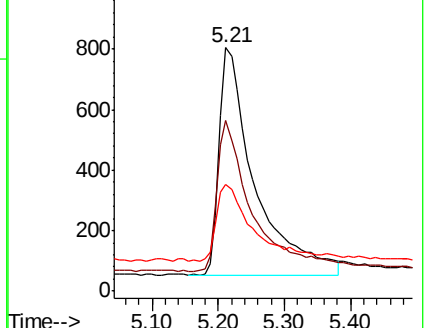
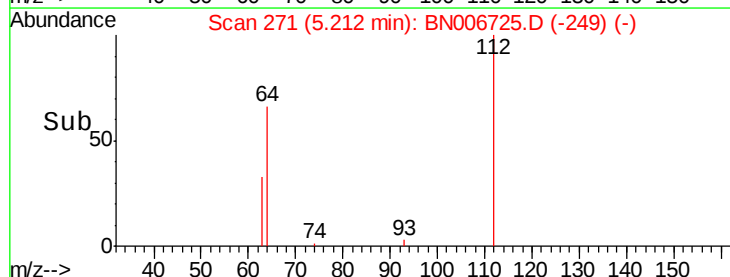
63 34.5 25.8 38.6

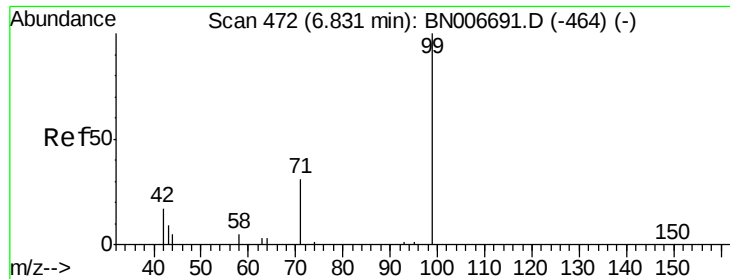


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.400 ng

RT: 6.79 min Scan# 467

Delta R.T. -0.04 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

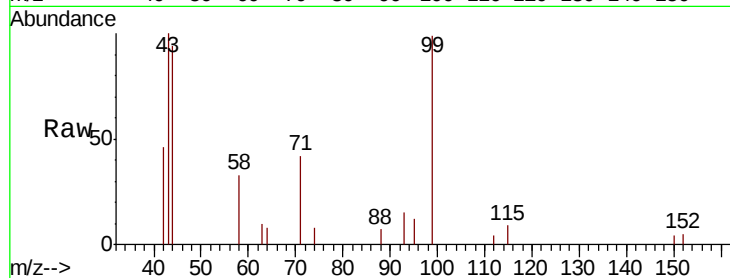
Tgt Ion: 99 Resp: 3996

Ion Ratio Lower Upper

99 100

42 30.7 16.6 25.0#

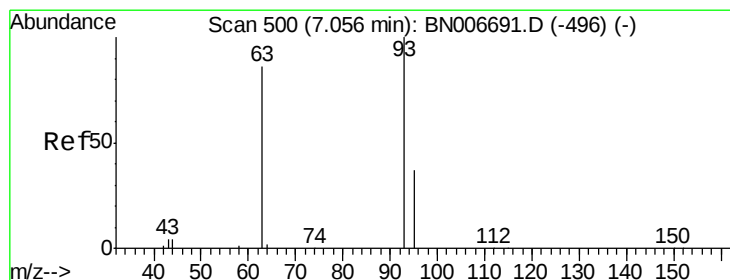
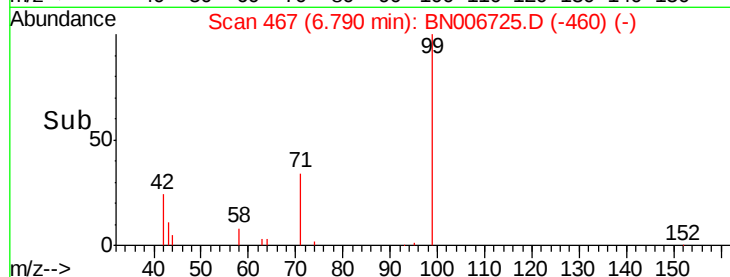
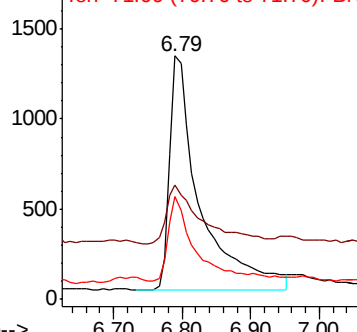
71 32.1 26.0 39.0



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

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.01 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

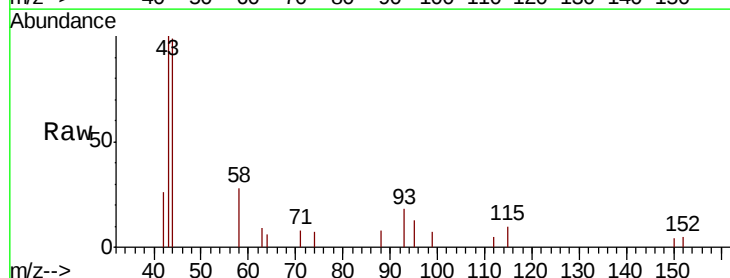
Tgt Ion: 93 Resp: 39

Ion Ratio Lower Upper

93 100

63 0.0 58.6 87.8#

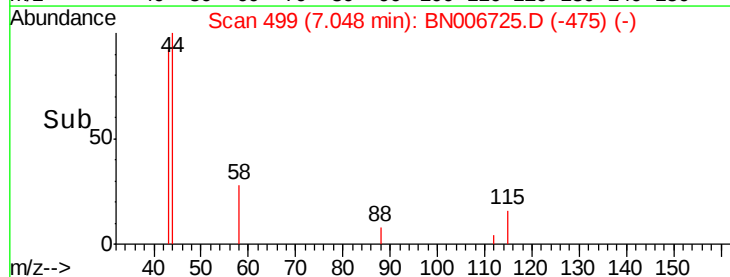
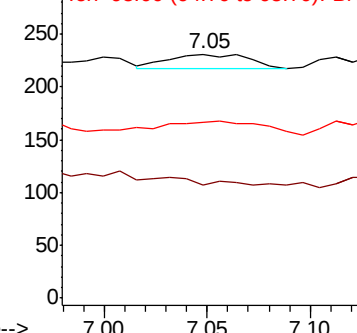
95 128.2 28.3 42.5#

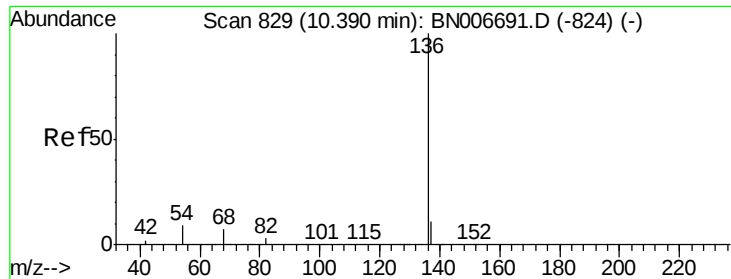


Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006691.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006691.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

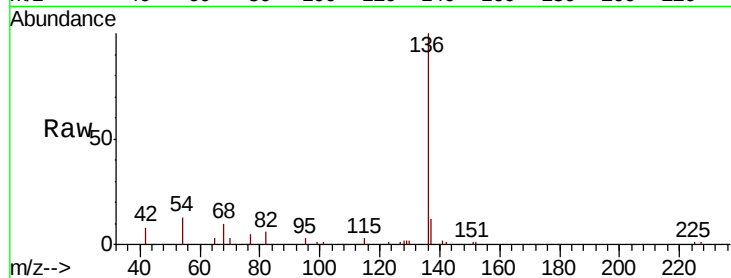
Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

Tgt Ion:	136	Resp:	11226
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	12.9	8.4	12.6#
68	10.3	6.8	10.2#

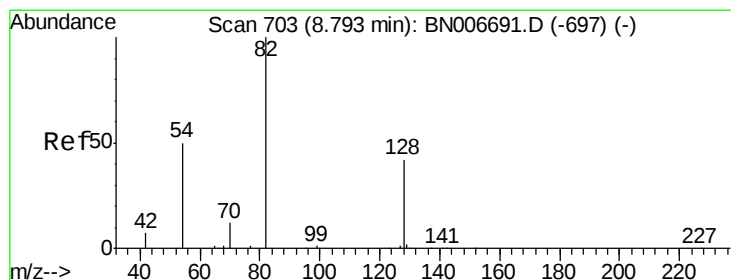
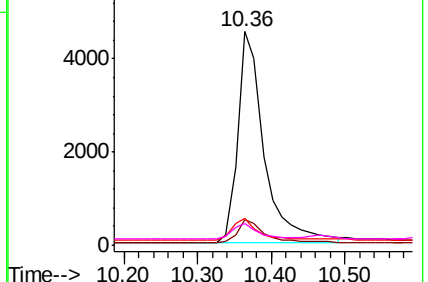
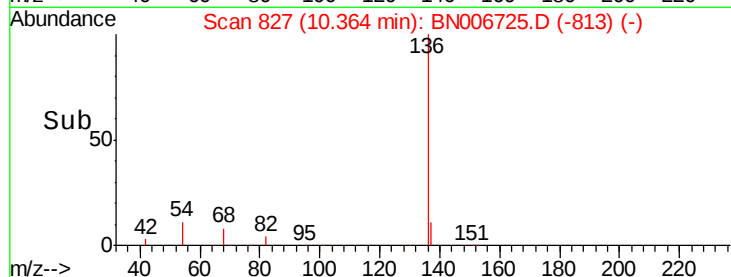


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.315 ng

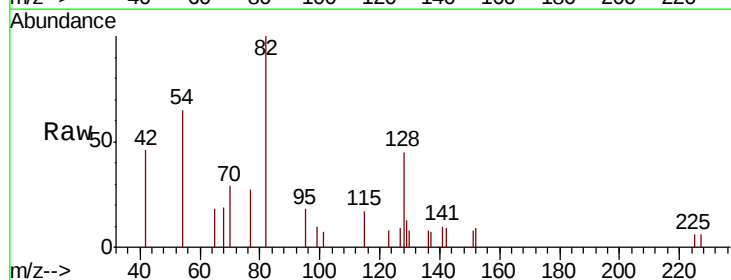
RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

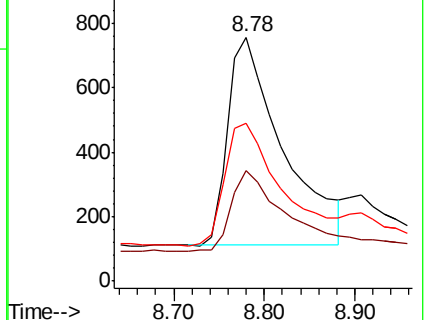
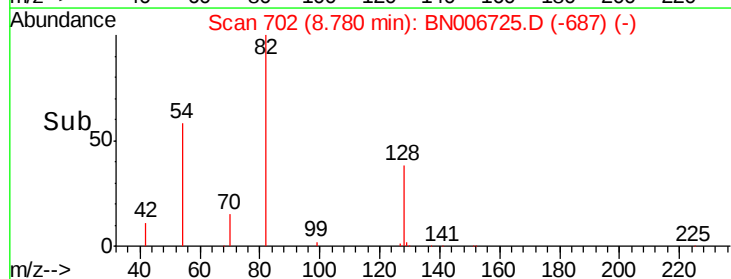
Tgt Ion:	82	Resp:	2708
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	64.8	44.5	66.7

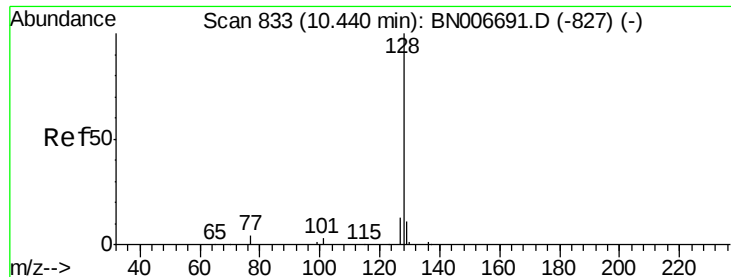


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BNC

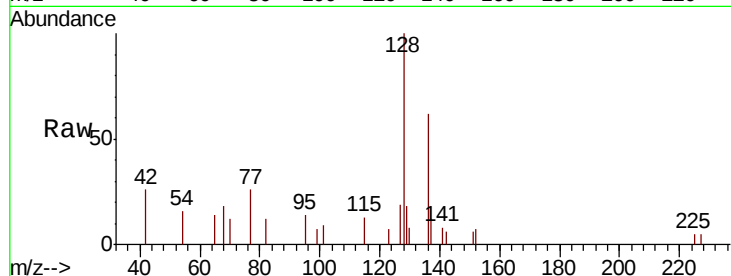




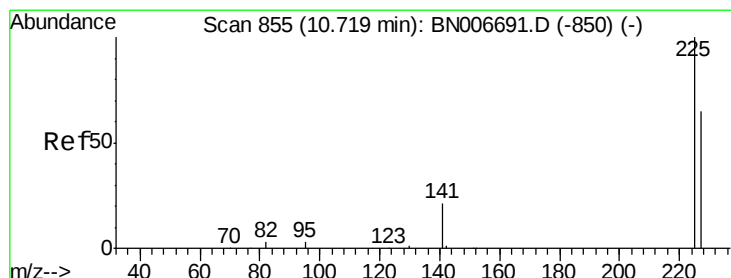
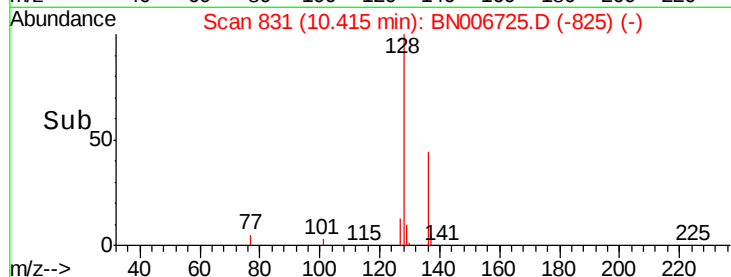
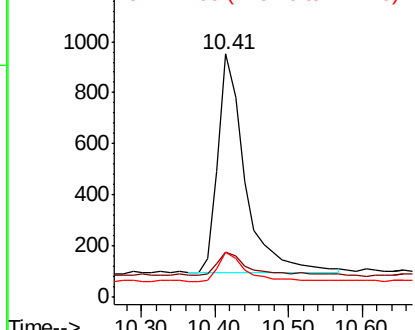
#9
Naphthalene
Concen: 0.072 ng
RT: 10.41 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
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Tgt Ion:128 Resp: 2220
Ion Ratio Lower Upper
128 100
129 18.4 9.6 14.4#
127 18.6 11.0 16.4#

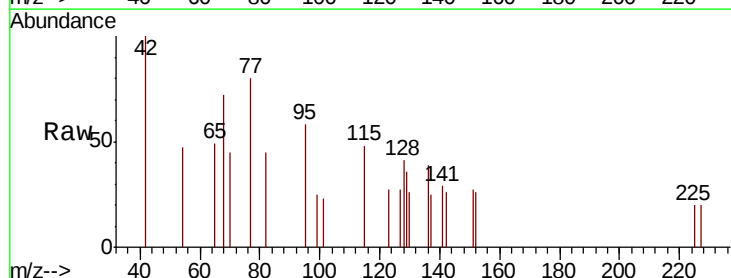


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

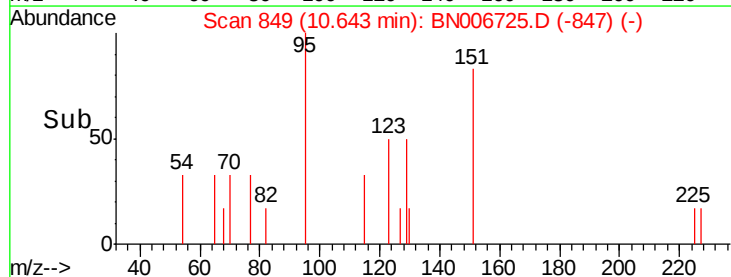
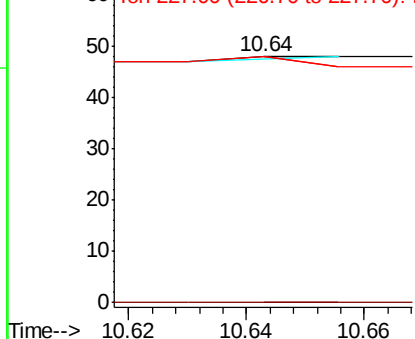


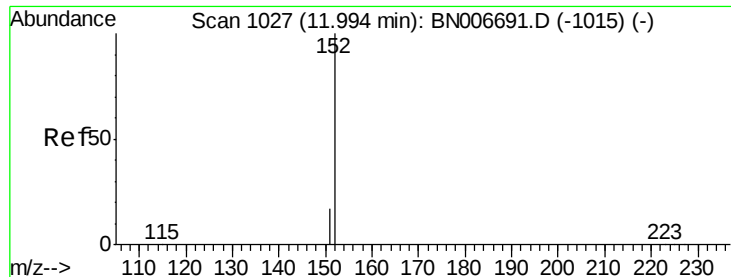
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.64 min Scan# 849
Delta R.T. -0.08 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:225 Resp: 1
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

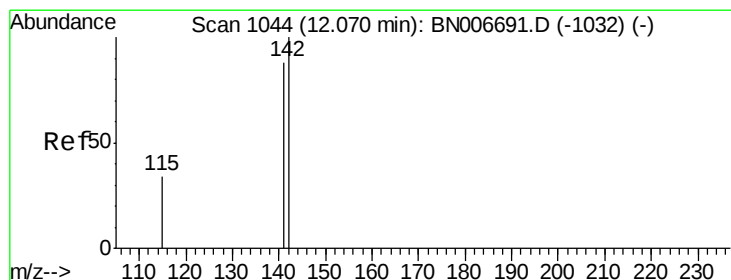
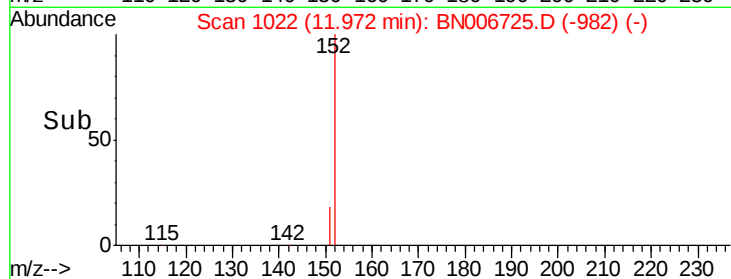
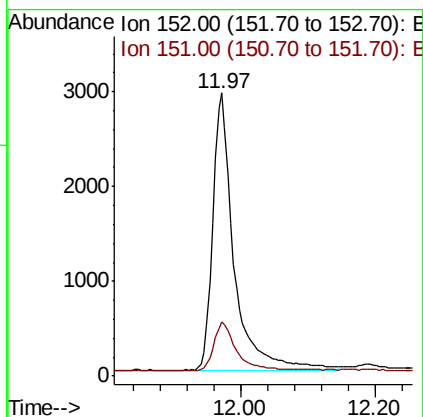
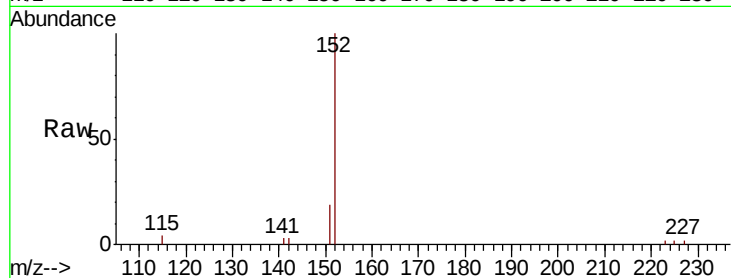




#11
 2-Methylnaphthalene-d10
 Concen: 0.381 ng
 RT: 11.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BN006725.D
 Acq: 05 Jul 2019 20:35

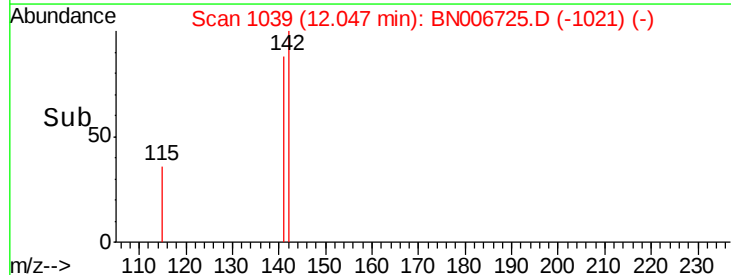
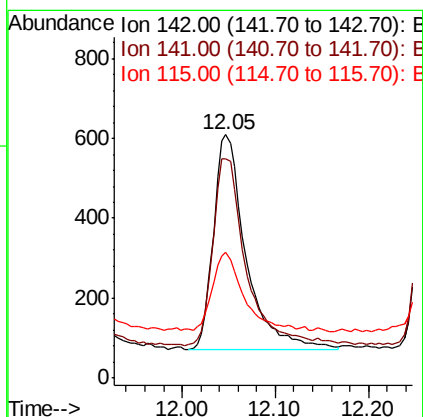
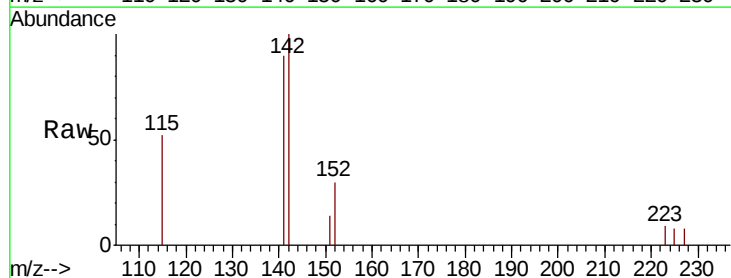
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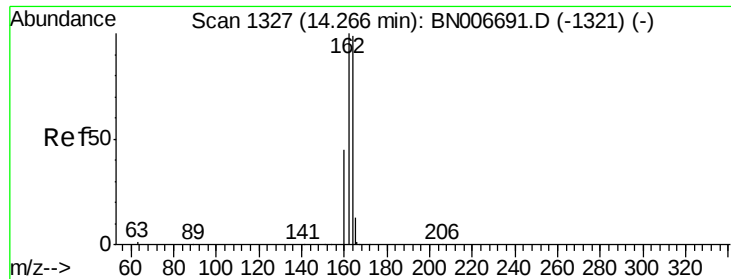
Tgt Ion:152 Resp: 6435
 Ion Ratio Lower Upper
 152 100
 151 18.4 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.017 ng
 RT: 12.05 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BN006725.D
 Acq: 05 Jul 2019 20:35

Tgt Ion:142 Resp: 1303
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.3 105.5
 115 51.7 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: BN006725.D

Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

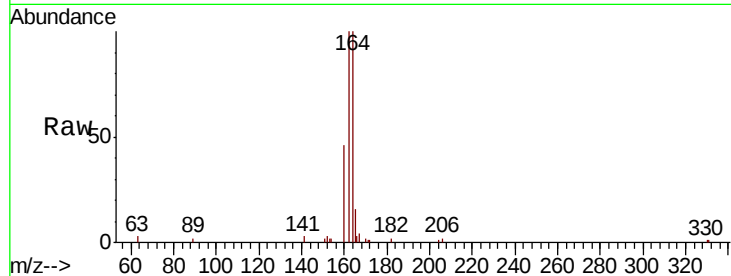
Tgt Ion:164 Resp: 6700

Ion Ratio Lower Upper

164 100

162 99.7 80.8 121.2

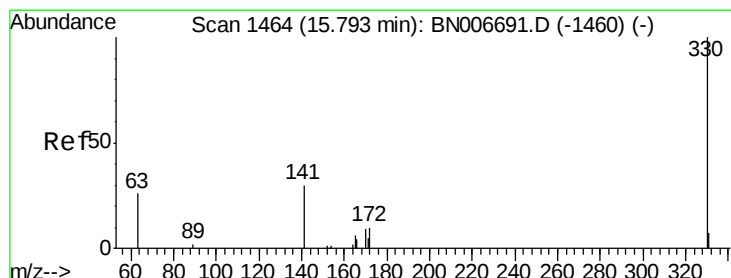
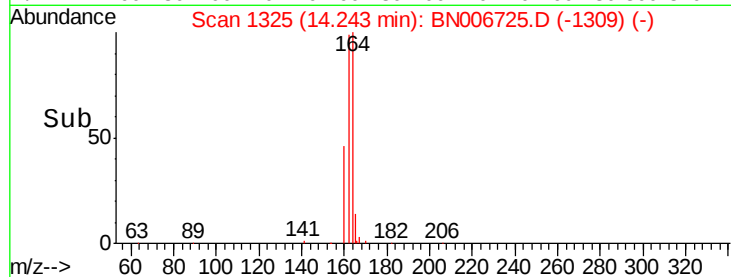
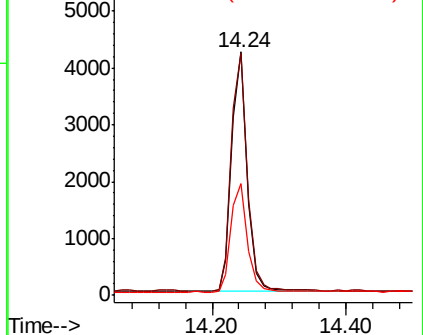
160 46.1 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.378 ng

RT: 15.76 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

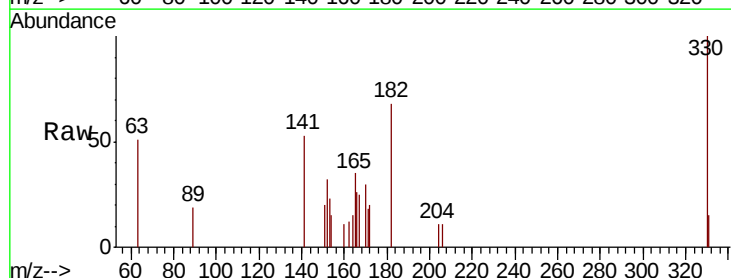
Tgt Ion:330 Resp: 1244

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

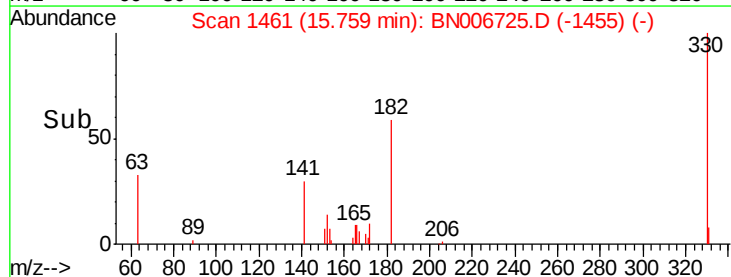
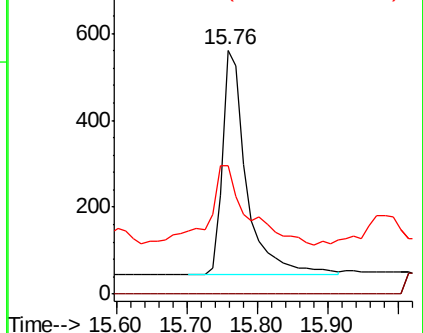
141 53.6 24.8 37.2#

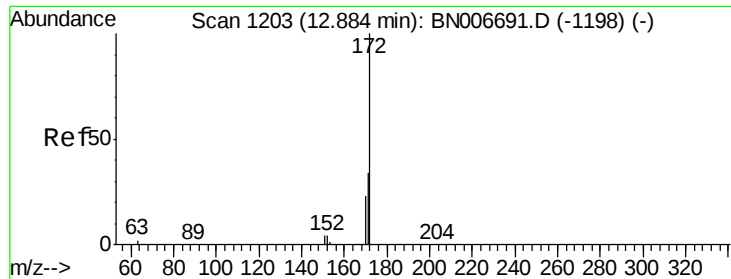


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

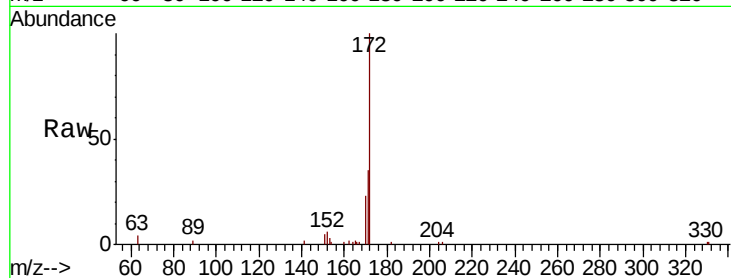




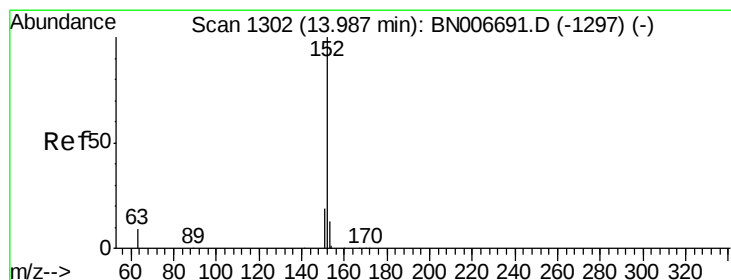
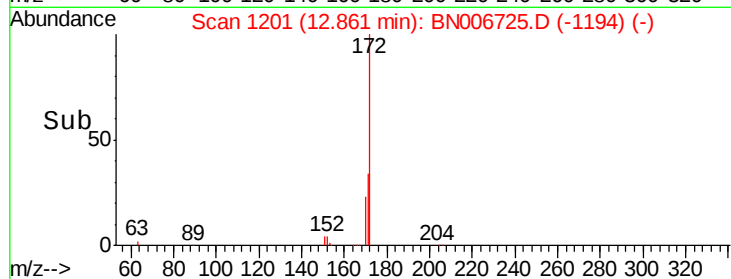
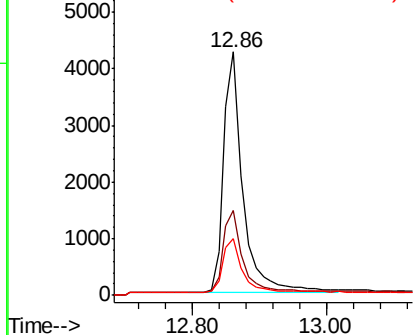
#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:172 Resp: 8599
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.4 18.9 28.3

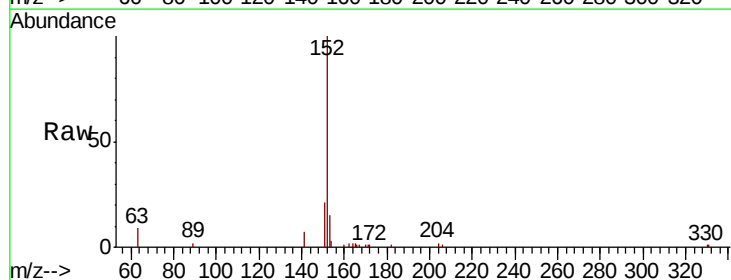


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

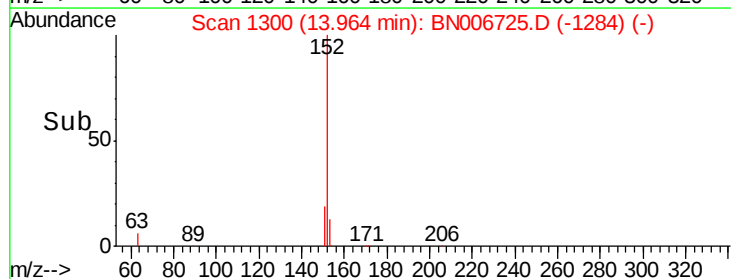
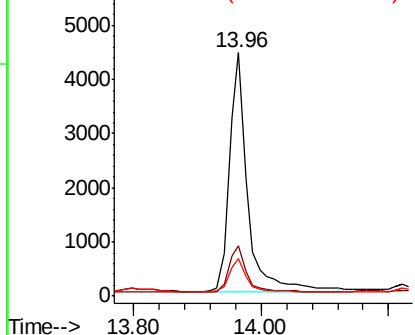


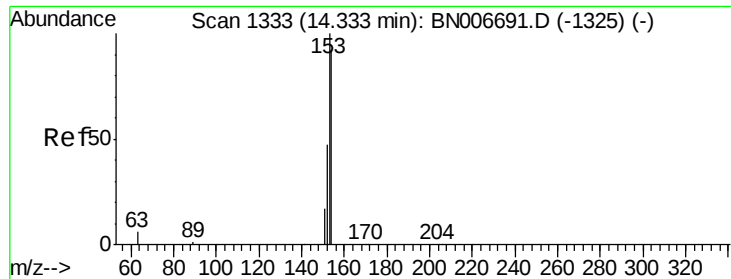
#16
Acenaphthylene
Concen: 0.259 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:152 Resp: 8640
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.5 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: 0.025 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

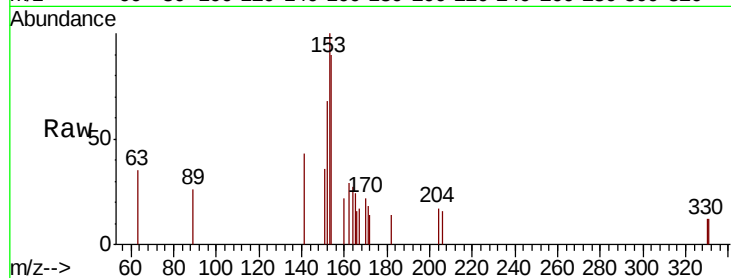
Tgt Ion:154 Resp: 538

Ion Ratio Lower Upper

154 100

153 118.2 88.9 133.3

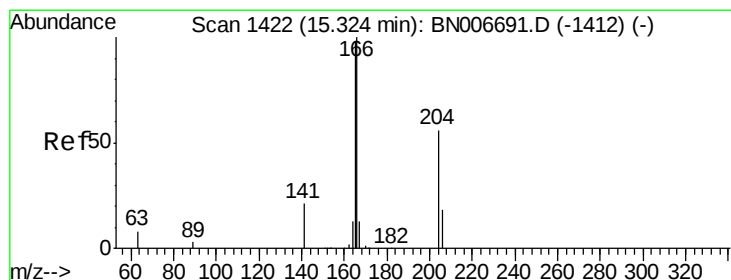
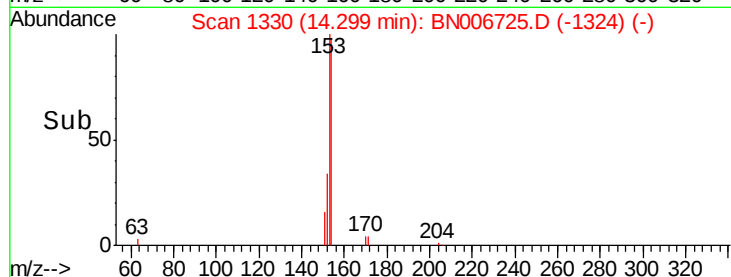
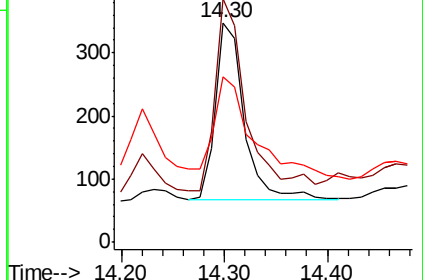
152 81.2 42.8 64.2#



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: 0.051 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

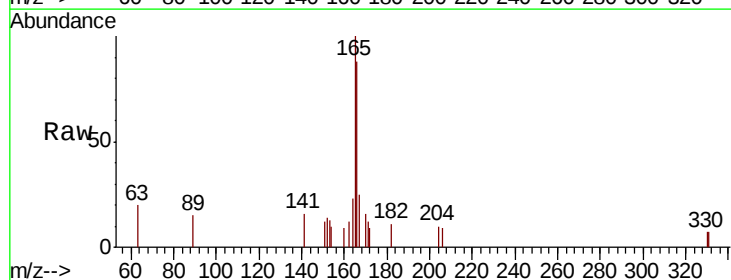
Tgt Ion:166 Resp: 1335

Ion Ratio Lower Upper

166 100

165 116.6 78.0 117.0

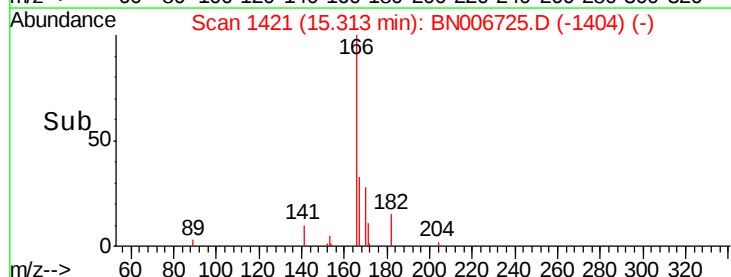
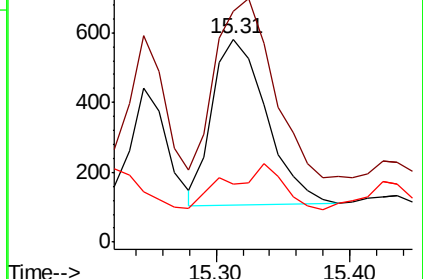
167 0.0 10.7 16.1#

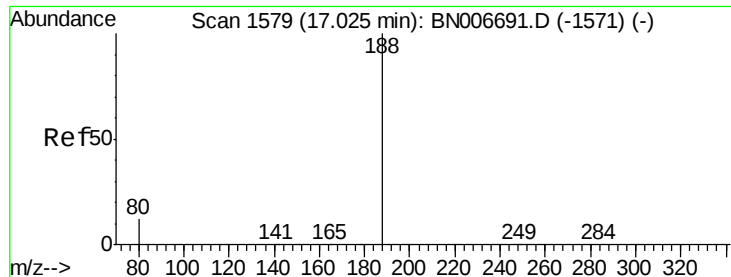


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN006725.D

Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

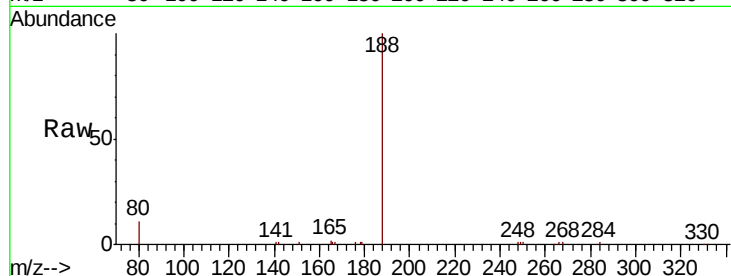
Tgt Ion:188 Resp: 15507

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

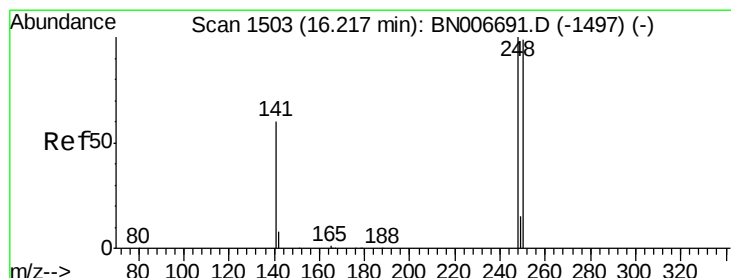
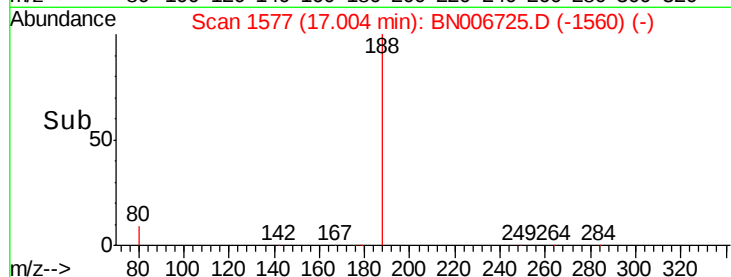
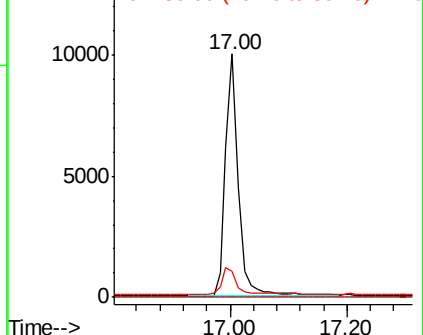
80 10.6 10.3 15.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

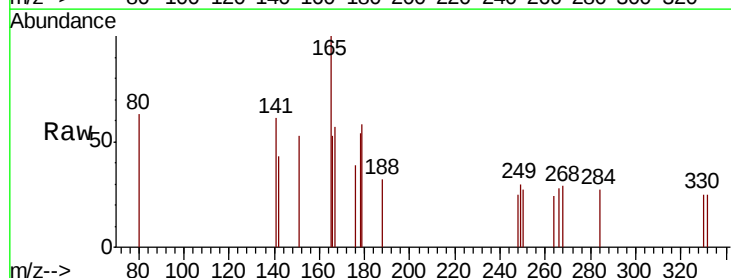
Tgt Ion:248 Resp: 3

Ion Ratio Lower Upper

248 100

250 106.3 79.0 118.6

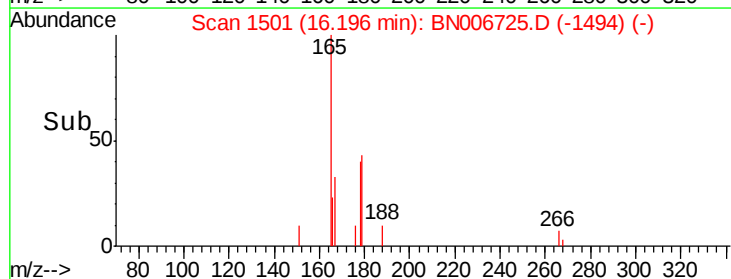
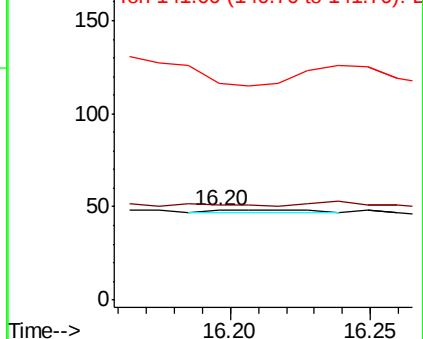
141 241.7 50.2 75.4#

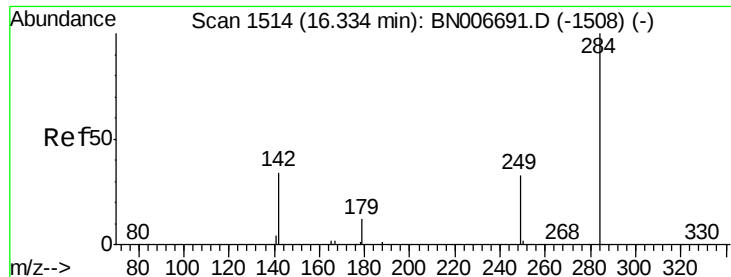


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.31 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

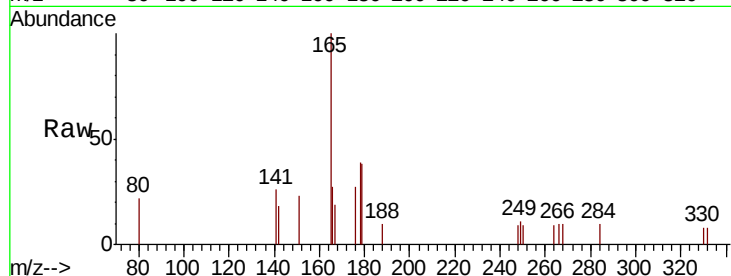
Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

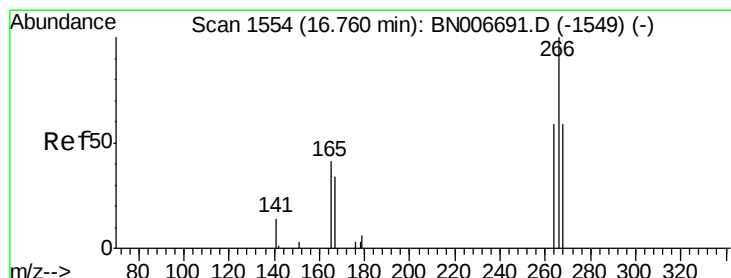
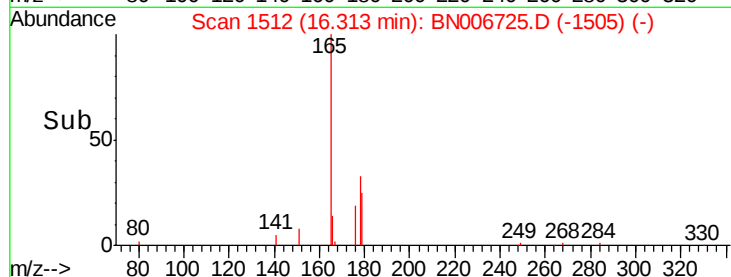
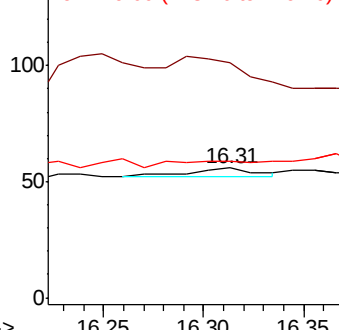
Tgt Ion:	284	Resp:	9
Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.9	40.3#
249	0.0	24.4	36.6#



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: 0.116 ng

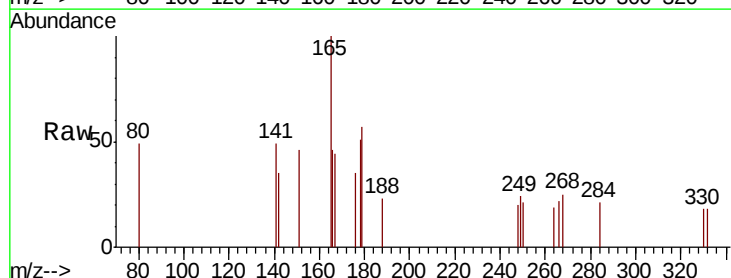
RT: 16.72 min Scan# 1550

Delta R.T. -0.04 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

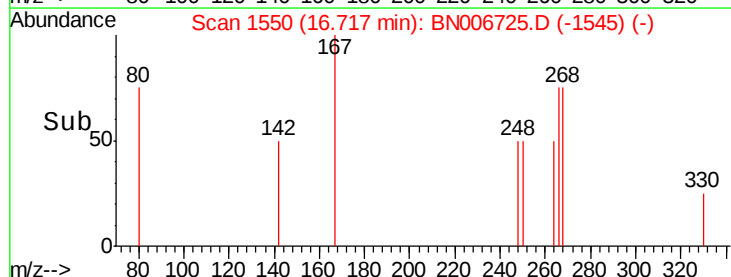
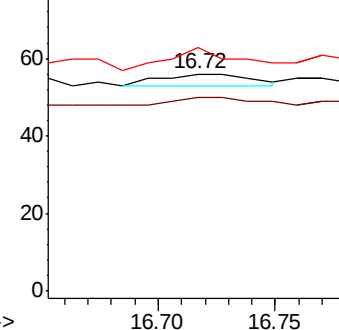
Tgt Ion:	266	Resp:	8
Ion	Ratio	Lower	Upper
266	100		
264	89.3	57.6	86.4#
268	112.5	66.6	99.8#

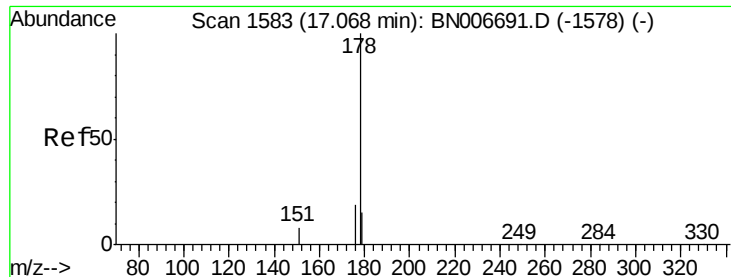


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.663 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

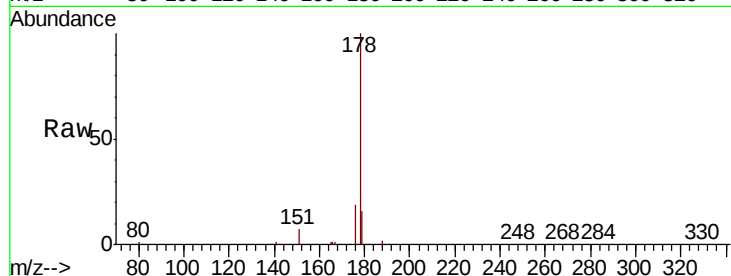
Tgt Ion:178 Resp: 29645

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.8 12.4 18.6

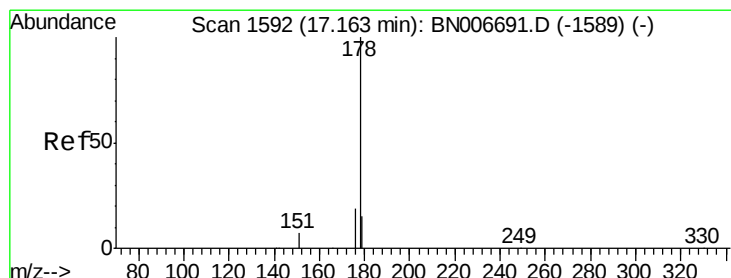
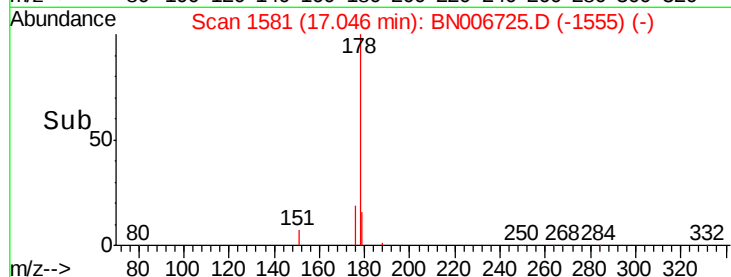
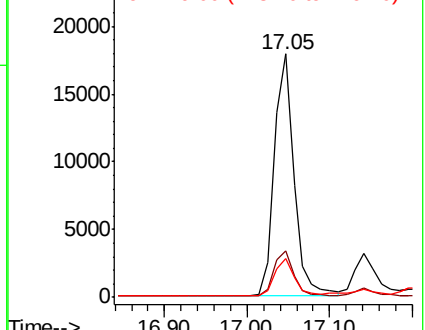


Abundance

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: 0.135 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

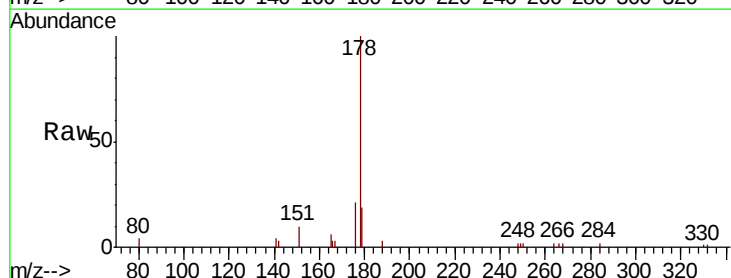
Tgt Ion:178 Resp: 5463

Ion Ratio Lower Upper

178 100

176 17.3 14.8 22.2

179 8.8 11.9 17.9#

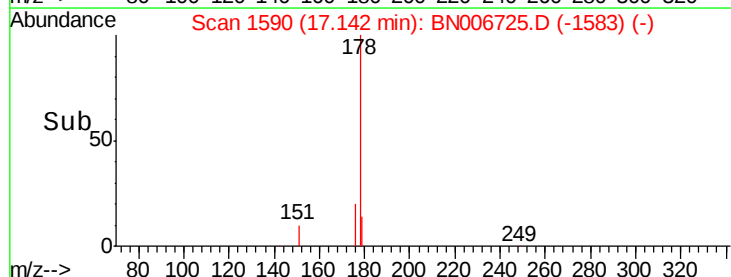
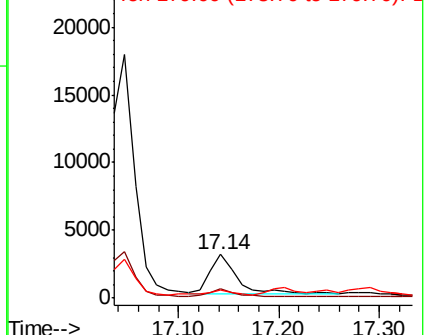


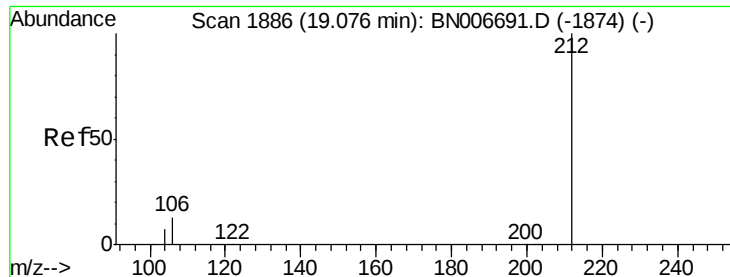
Abundance

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: 0.296 ng

RT: 19.05 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

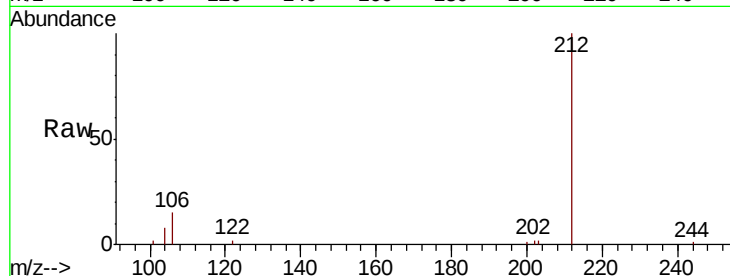
Tgt Ion:212 Resp: 13138

Ion Ratio Lower Upper

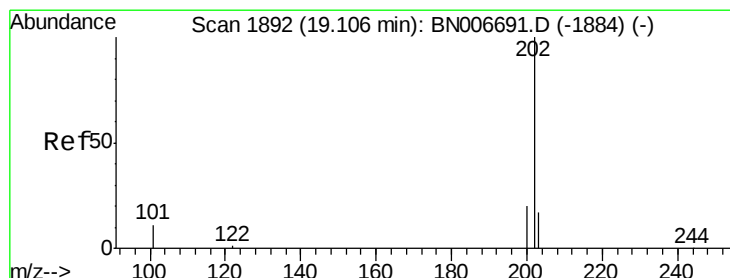
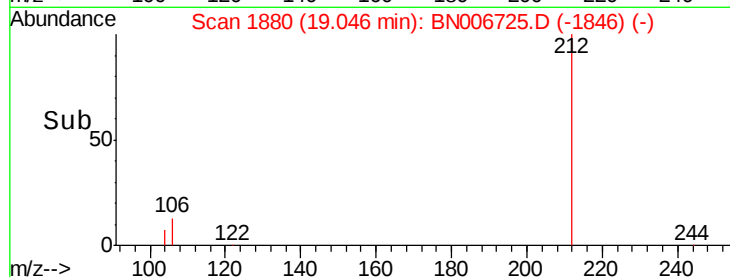
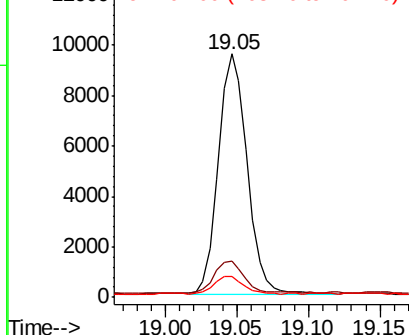
212 100

106 14.3 11.0 16.6

104 7.4 6.1 9.1



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



#26

Fluoranthene

Concen: 1.104 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.03 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

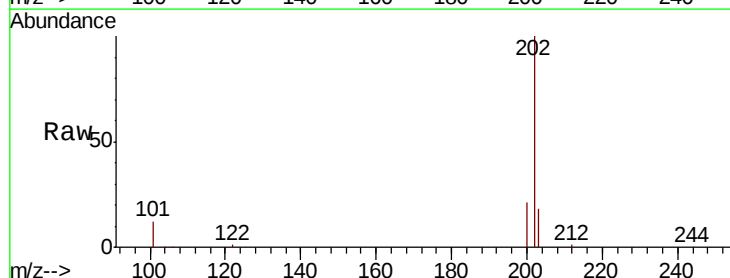
Tgt Ion:202 Resp: 57937

Ion Ratio Lower Upper

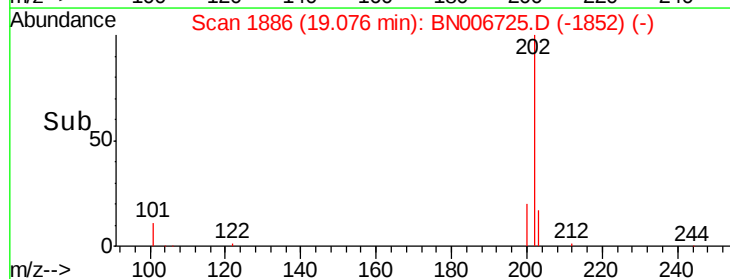
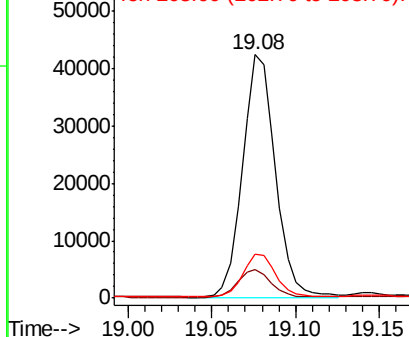
202 100

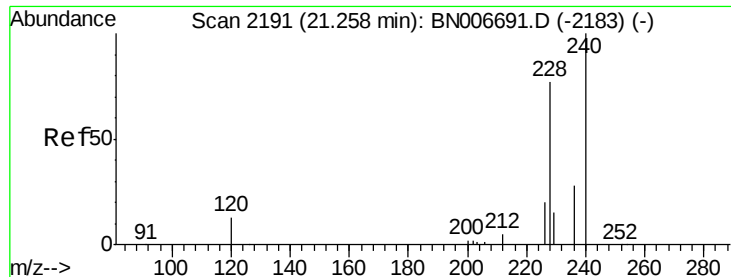
101 11.6 8.7 13.1

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

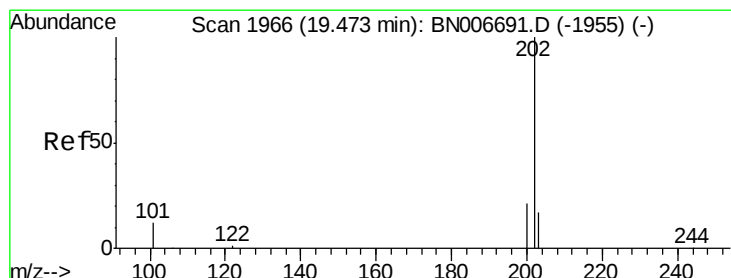
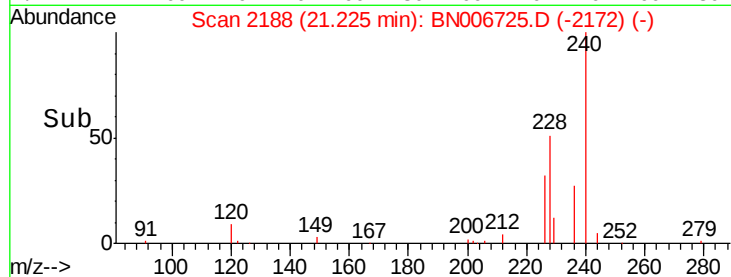
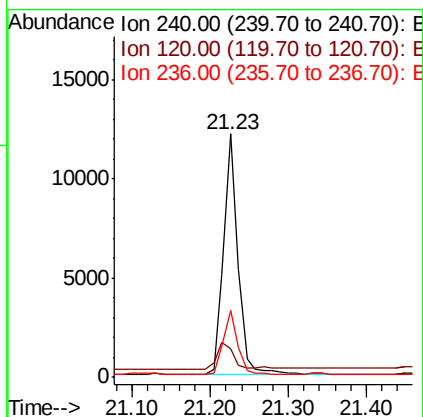
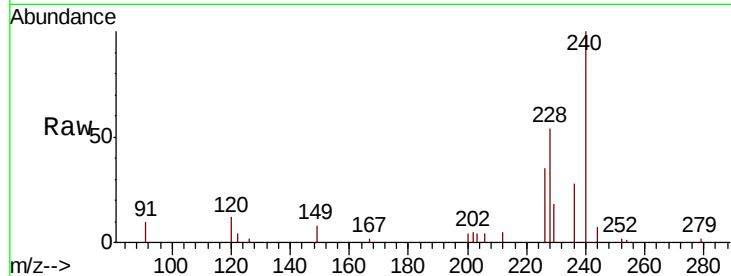




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

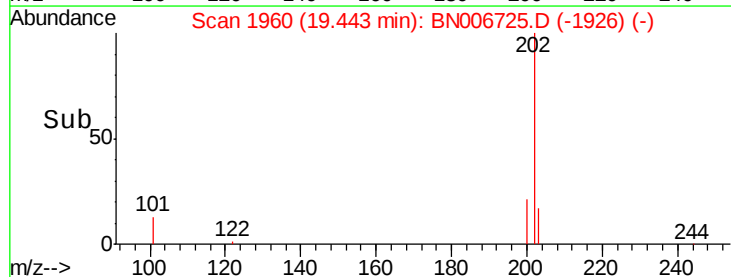
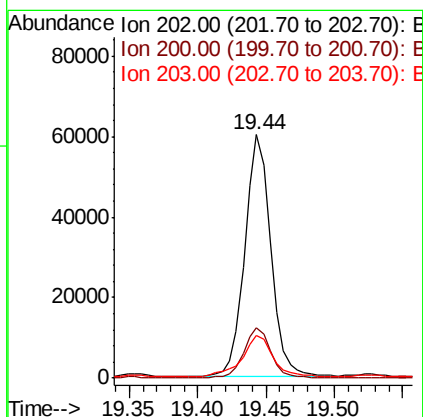
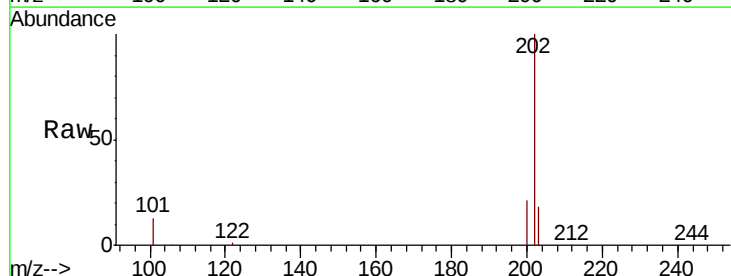
Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

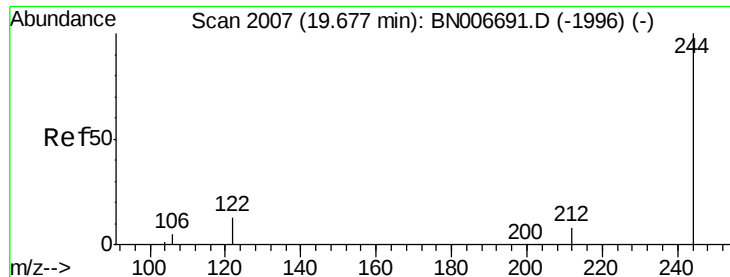
Tgt Ion:240 Resp: 15634
Ion Ratio Lower Upper
240 100
120 11.7 12.9 19.3#
236 27.6 23.2 34.8



#28
Pyrene
Concen: 1.281 ng
RT: 19.44 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:202 Resp: 80157
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 20.2 14.2 21.2





#29

Terphenyl-d14

Concen: 0.263 ng

RT: 19.65 min Scan# 2002

Delta R.T. -0.03 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

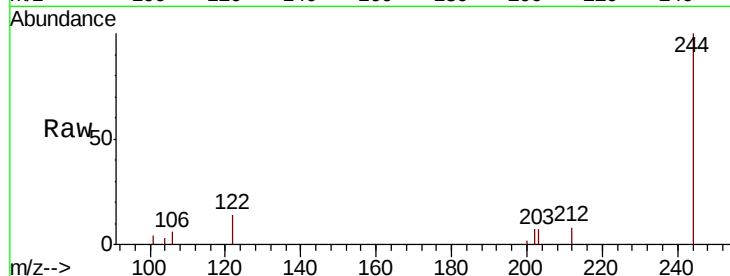
Tgt Ion:244 Resp: 9463

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

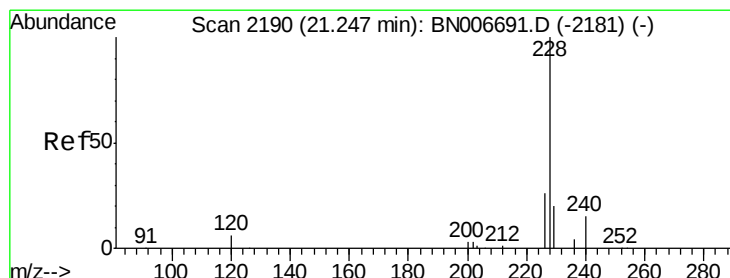
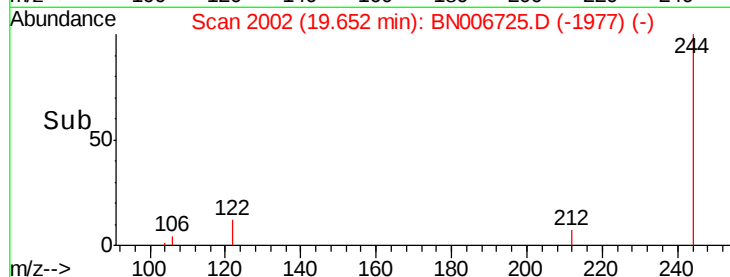
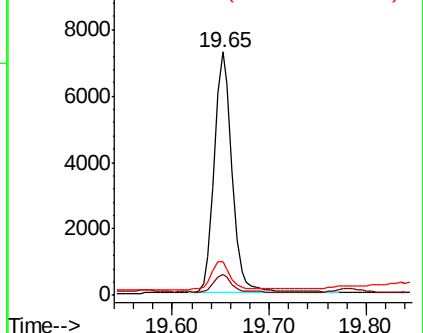
122 14.0 11.5 17.3



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: 0.671 ng

RT: 21.20 min Scan# 2186

Delta R.T. -0.04 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

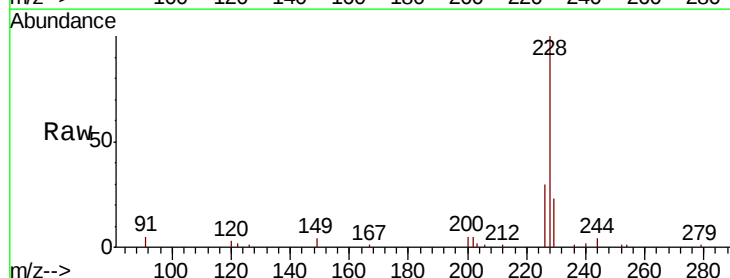
Tgt Ion:228 Resp: 36194

Ion Ratio Lower Upper

228 100

226 29.8 21.5 32.3

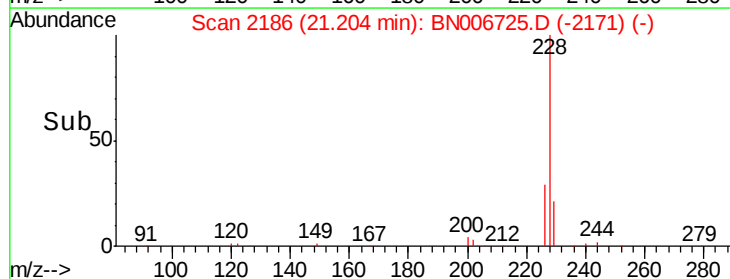
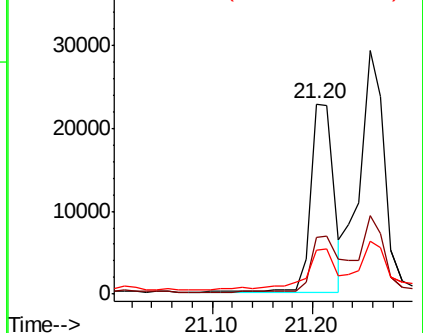
229 22.9 16.2 24.4

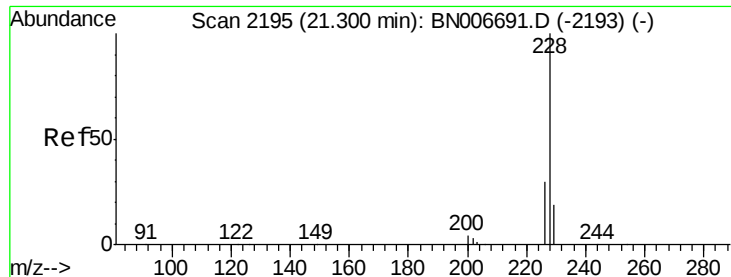


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.800 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

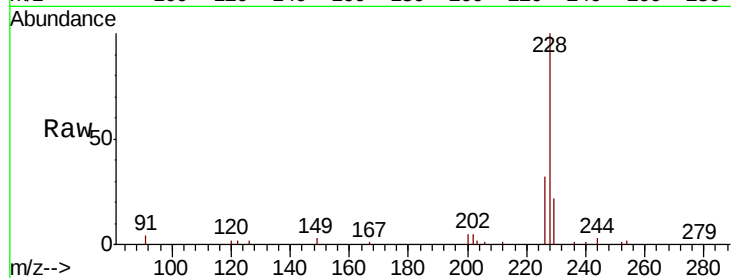
Tgt Ion:228 Resp: 44483

Ion Ratio Lower Upper

228 100

226 32.2 24.2 36.2

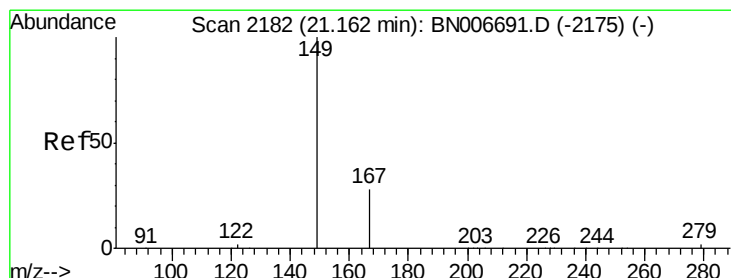
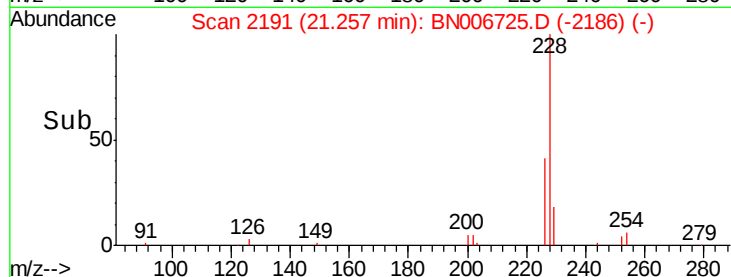
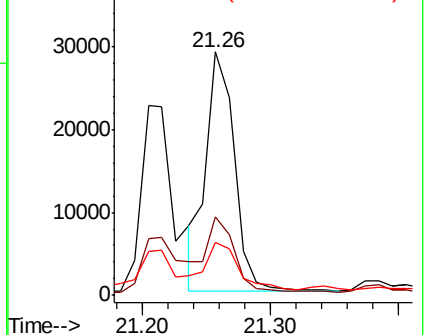
229 21.8 15.8 23.6



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: 0.123 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

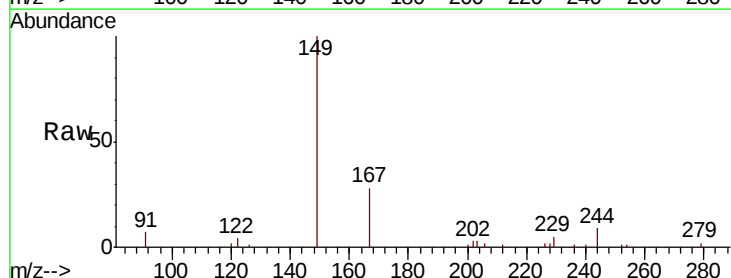
Tgt Ion:149 Resp: 19852

Ion Ratio Lower Upper

149 100

167 28.7 22.9 34.3

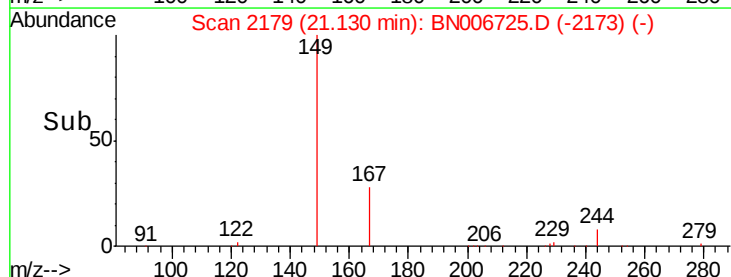
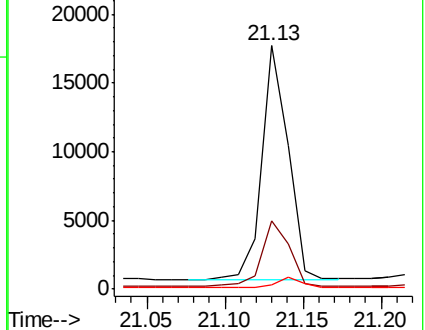
279 4.1 3.2 4.8

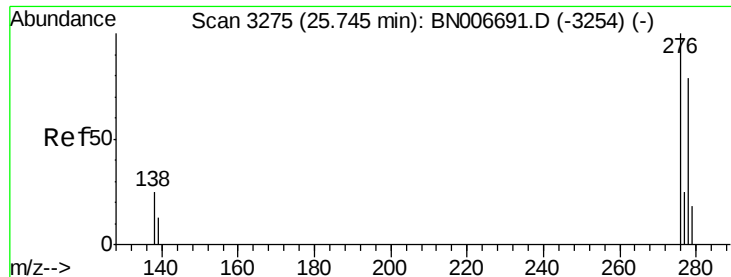


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.368 ng

RT: 25.67 min Scan# 3254

Delta R.T. -0.07 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

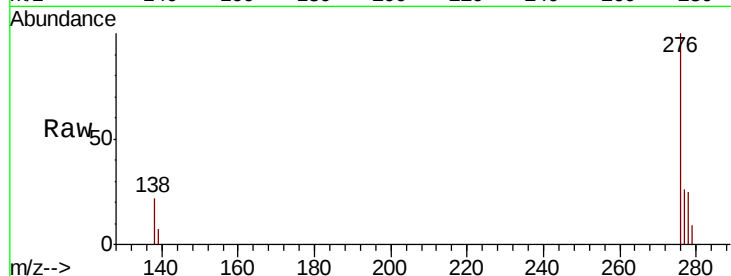
Tgt Ion:276 Resp: 24451

Ion Ratio Lower Upper

276 100

138 20.0 19.5 29.3

277 23.8 19.7 29.5

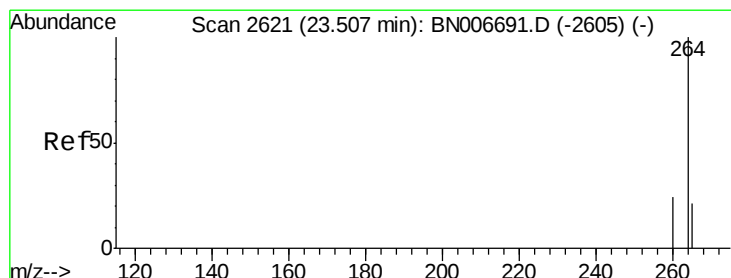
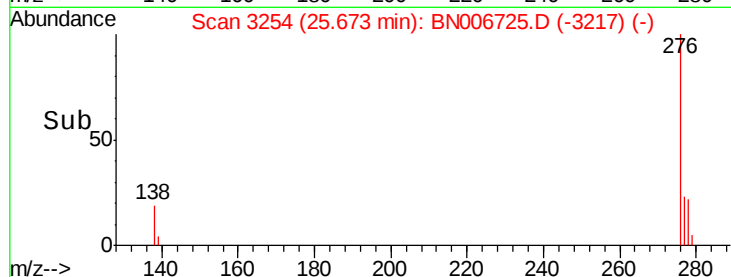
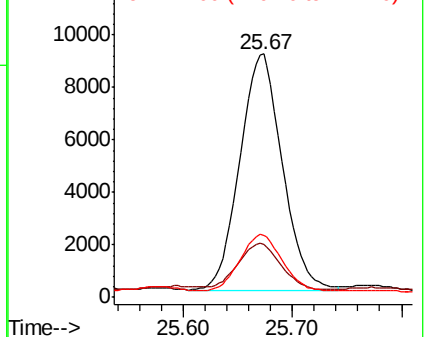


Abundance

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: BN006725.D

Acq: 05 Jul 2019 20:35

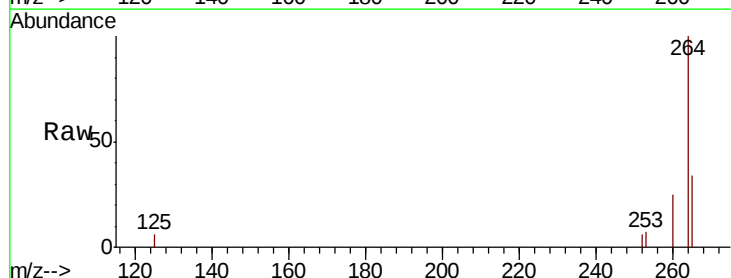
Tgt Ion:264 Resp: 17744

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

265 34.4 33.7 50.5

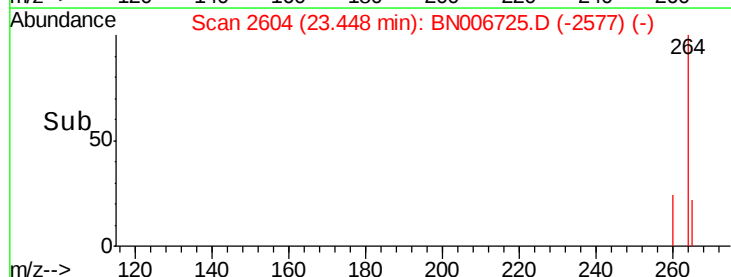
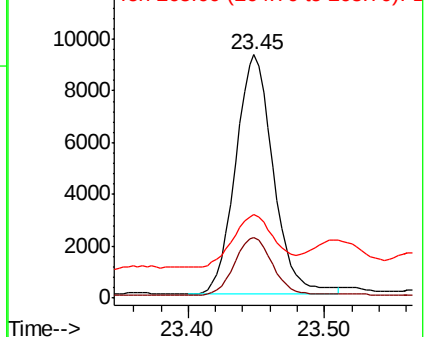


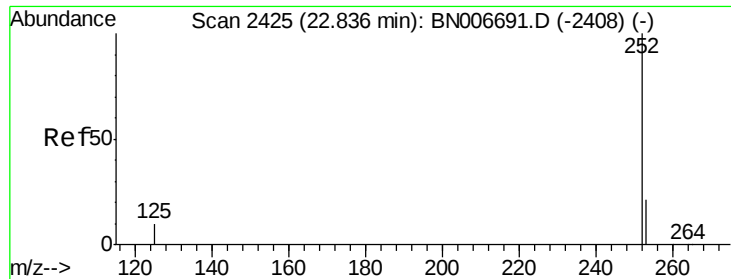
Abundance

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

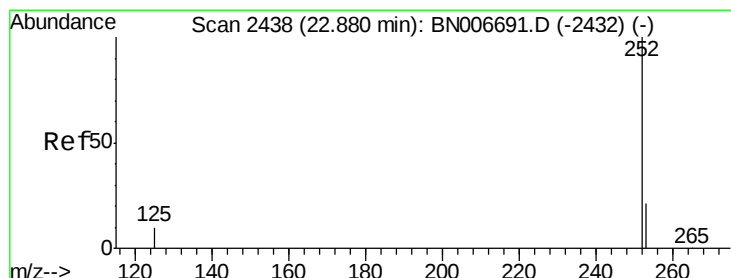
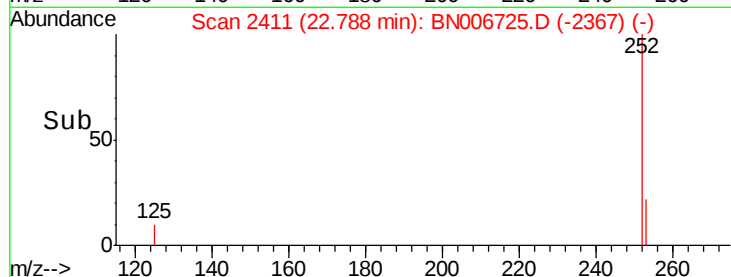
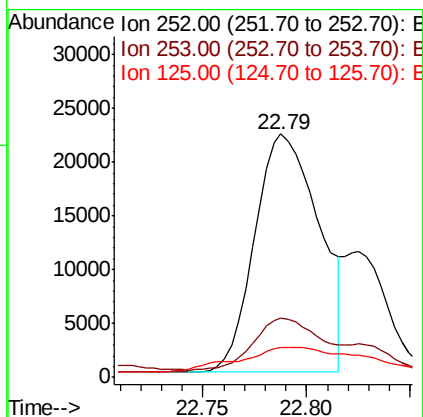
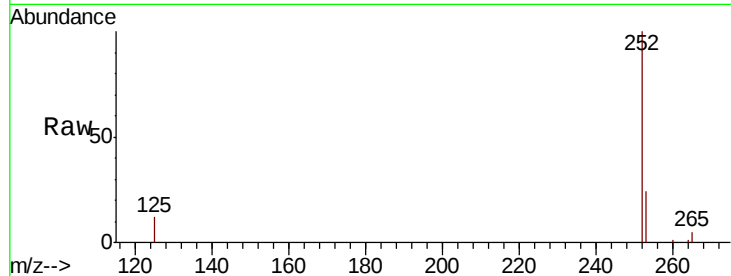




#35
Benzo(b)fluoranthene
Concen: 0.839 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

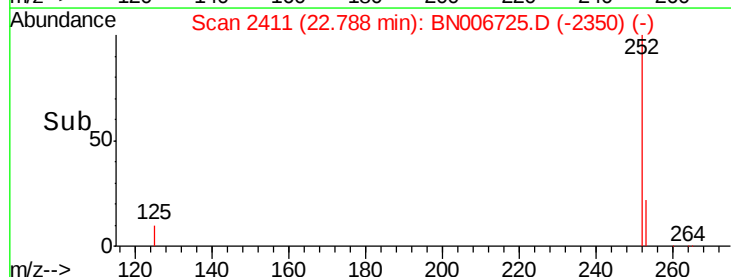
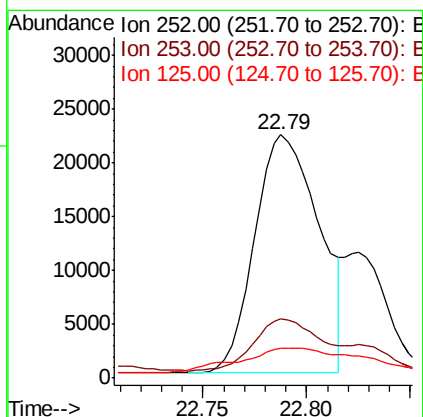
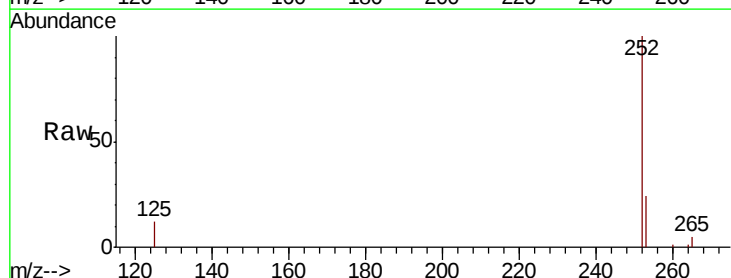
Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

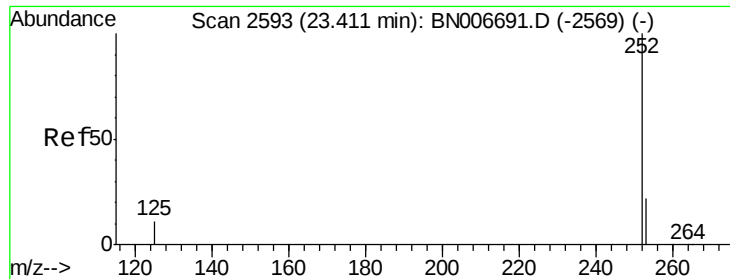
Tgt Ion:252 Resp: 47780
Ion Ratio Lower Upper
252 100
253 24.2 20.2 30.2
125 12.0 11.5 17.3



#36
Benzo(k)fluoranthene
Concen: 0.774 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.09 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:252 Resp: 47780
Ion Ratio Lower Upper
252 100
253 24.2 20.1 30.1
125 12.0 11.4 17.0





#37

Benzo(a)pyrene

Concen: 0.517 ng

RT: 23.26 min Scan# 2548

Delta R.T. -0.15 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419

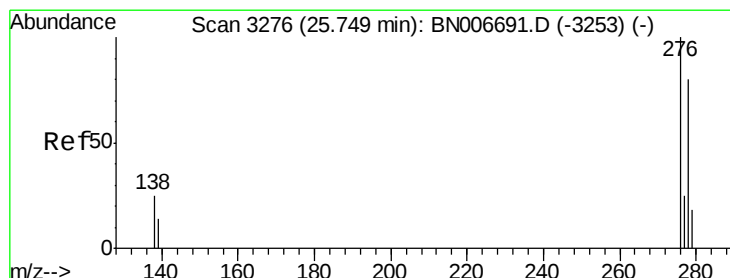
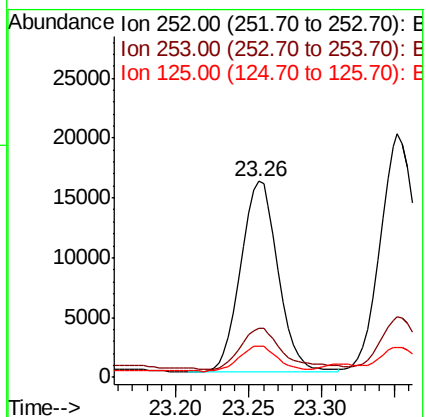
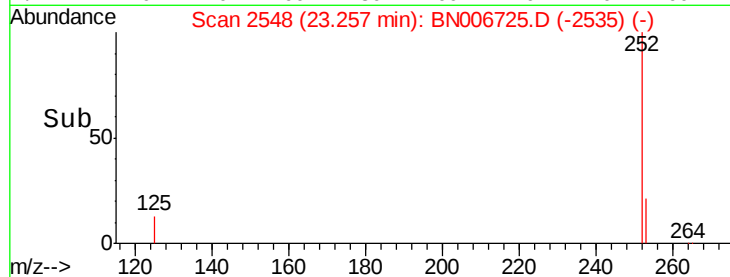
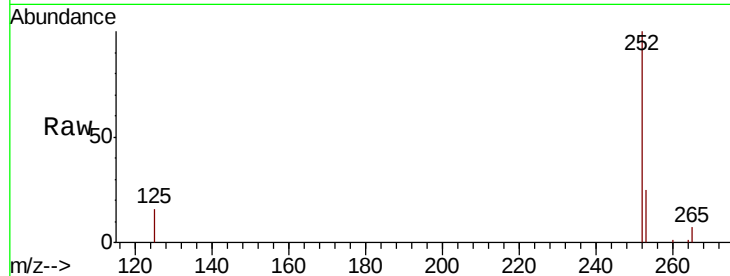
Tgt Ion: 252 Resp: 28553

Ion Ratio Lower Upper

252 100

253 25.2 21.4 32.2

125 16.1 13.3 19.9



#38

Dibenzo(a,h)anthracene

Concen: 0.133 ng

RT: 25.67 min Scan# 3253

Delta R.T. -0.08 min

Lab File: BN006725.D

Acq: 05 Jul 2019 20:35

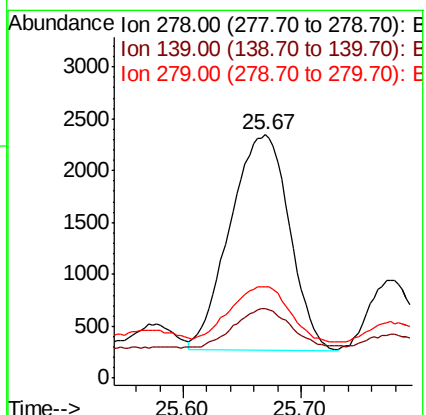
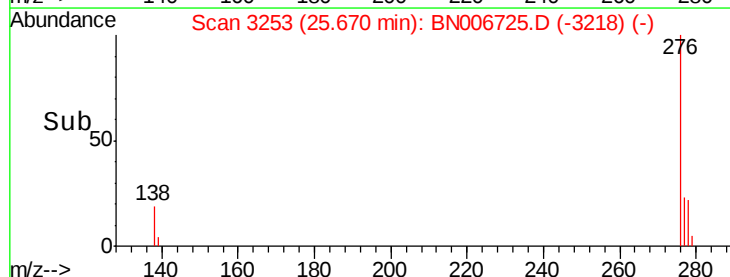
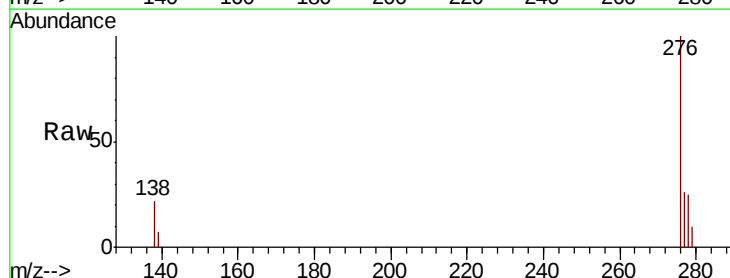
Tgt Ion: 278 Resp: 7282

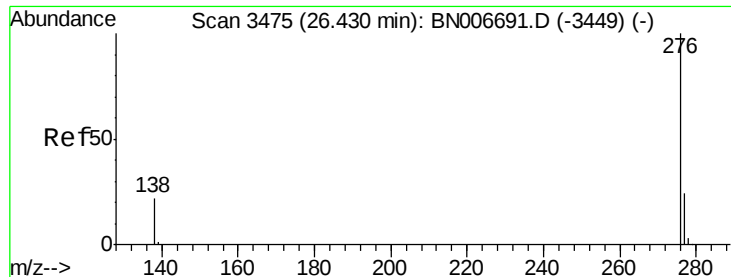
Ion Ratio Lower Upper

278 100

139 28.5 16.2 24.4#

279 37.6 20.7 31.1#





#39

Benzo(g,h,i)perylene

Concen: 0.472 ng

RT: 26.35 min Scan# 3451

Delta R.T. -0.08 min

Lab File: BN006725.D

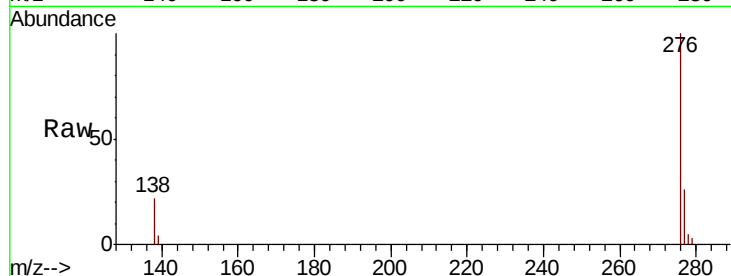
Acq: 05 Jul 2019 20:35

Instrument :

BNA_N

ClientSampleId :

EXT-012-SW139-062419



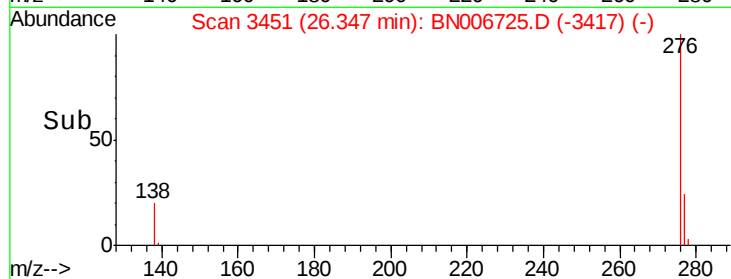
Tgt Ion: 276 Resp: 26604

Ion Ratio Lower Upper

276 100

277 25.6 20.6 30.8

138 22.4 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

