

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
 Data File : BP002524.D
 Acq On : 24 Jun 2020 15:53
 Operator : CG/JU
 Sample : L3094-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BRENNAN-FL-001

Quant Time: Jun 24 17:13:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	194515	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	731244	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	383857	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	710685	20.00	ng	0.00
76) Chrysene-d12	21.09	240	711293	20.00	ng	0.00
86) Perylene-d12	23.29	264	825788	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1073844	102.15	ng	0.00
7) Phenol-d6	6.77	99	1385300	98.98	ng	0.00
23) Nitrobenzene-d5	8.72	82	926466	75.66	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	367189	99.91	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1790404	78.43	ng	0.00
79) Terphenyl-d14	19.57	244	2022143	67.29	ng	0.00

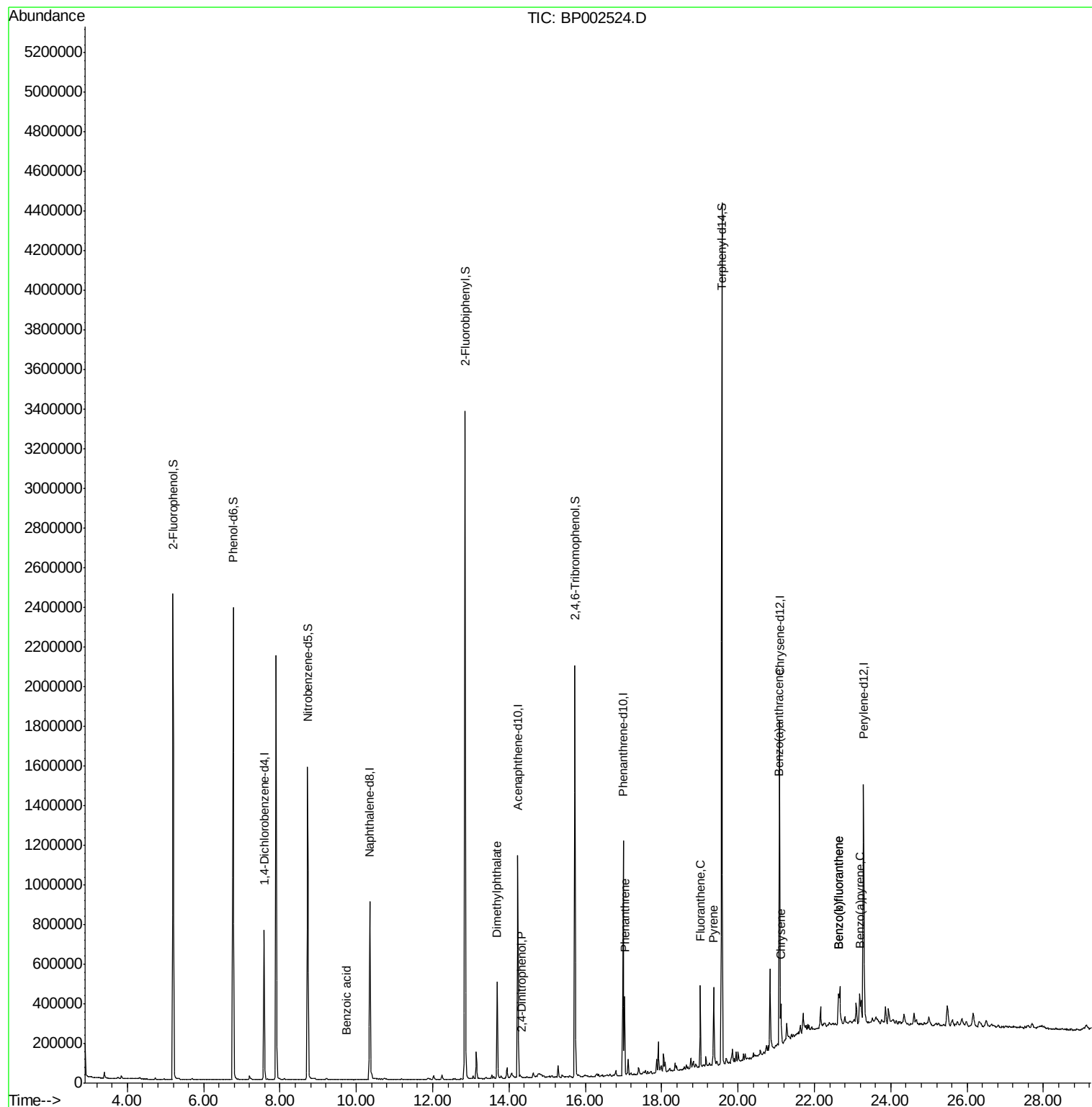
Target Compounds				Qvalue		
9) Benzaldehyde	6.70	77	173	Below Cal	#	68
32) Benzoic acid	9.73	122	44	4.604 ng	#	74
50) Dimethylphthalate	13.69	163	320008	12.167 ng		99
54) 2,4-Dinitrophenol	14.33	184	38	2.797 ng	#	1
61) 4-Chlorophenyl-phenylether	15.29	204	34	Below Cal	#	1
71) Phenanthrene	17.03	178	229246	6.896 ng		99
75) Fluoranthene	19.01	202	236994	5.972 ng		98
78) Pyrene	19.36	202	229474	5.267 ng		99
81) Benzo(a)anthracene	21.07	228	115194	2.837 ng		94
83) Chrysene	21.12	228	105262	2.736 ng		95
88) Benzo(b)fluoranthene	22.63	252	174886	3.927 ng	#	98
89) Benzo(k)fluoranthene	22.63	252	174886	4.133 ng	#	97
90) Benzo(a)pyrene	23.19	252	102820	2.464 ng	#	97

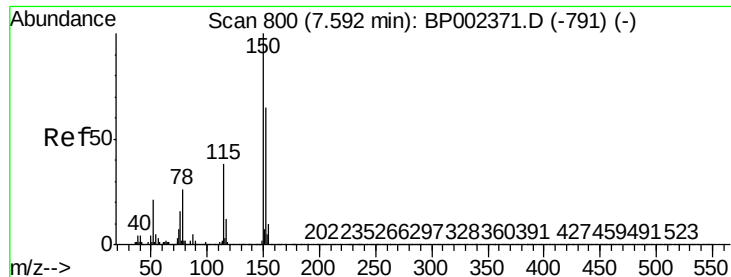
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.58 min Scan# 798

Delta R.T. -0.00 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

Instrument :

BNA_P

ClientSampleId :

BRENNAN-FL-001

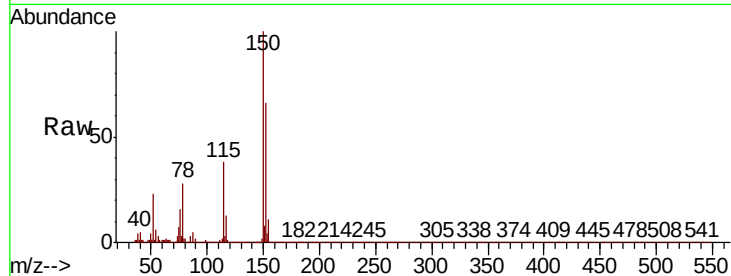
Tot Ion:152 Resp: 194515

Ion Ratio Lower Upper

152 100

150 152.6 124.4 186.6

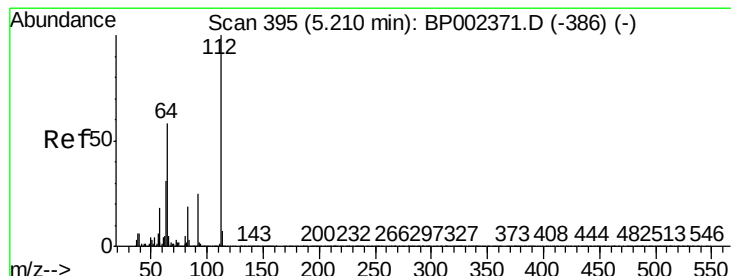
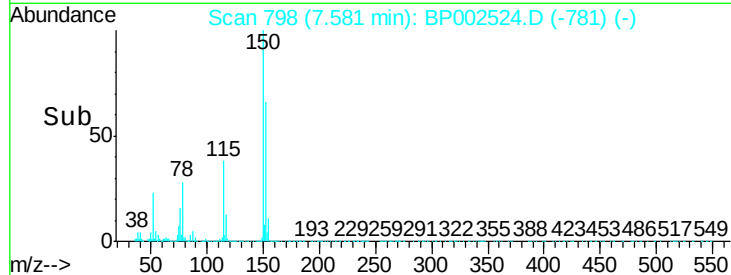
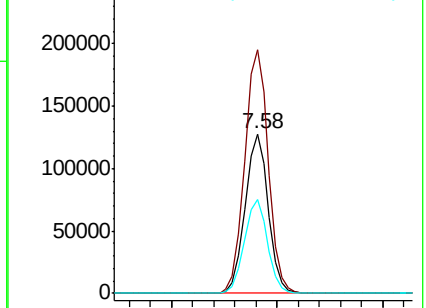
115 58.7 47.8 71.6



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



#5

2-Fluorophenol

Concen: 102.154 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.00 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

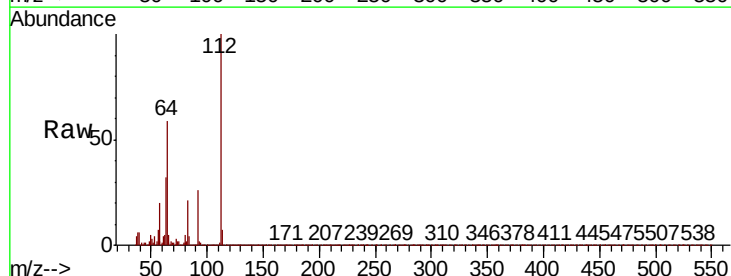
Tgt Ion:112 Resp: 1073844

Ion Ratio Lower Upper

112 100

64 59.0 46.4 69.6

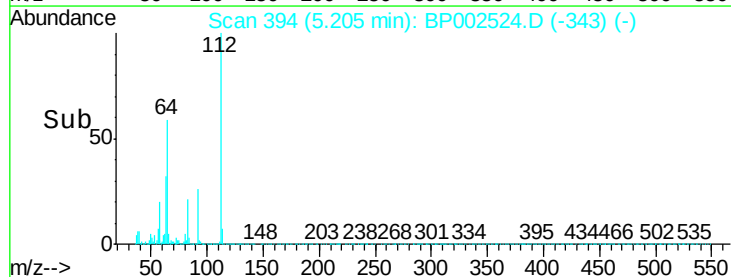
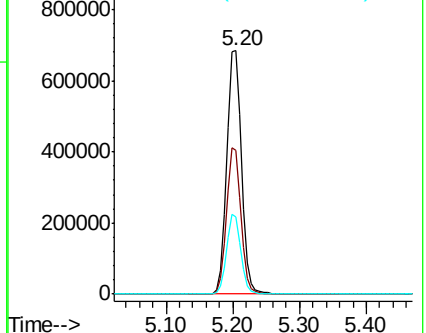
63 31.8 25.0 37.6

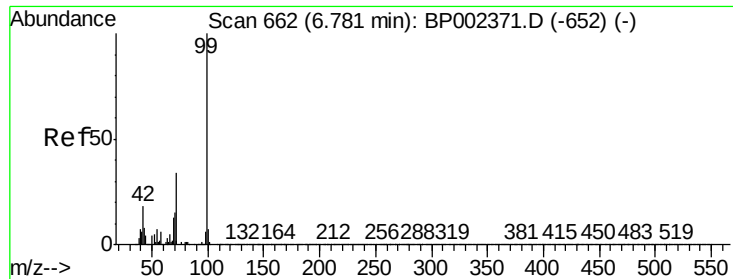


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 98.981 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.01 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

Instrument :

BNA_P

ClientSampleId :

BRENNAN-FL-001

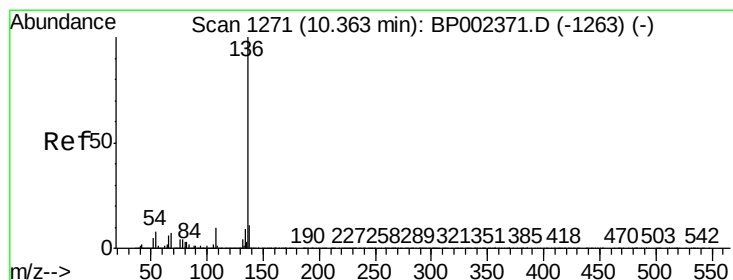
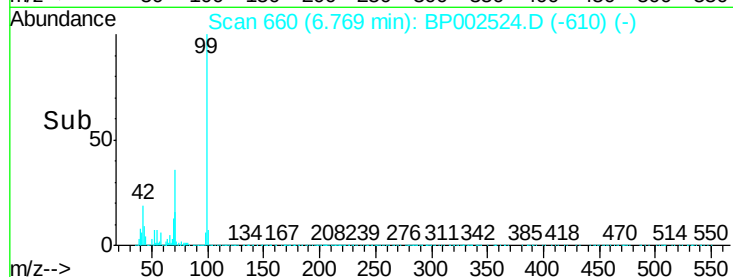
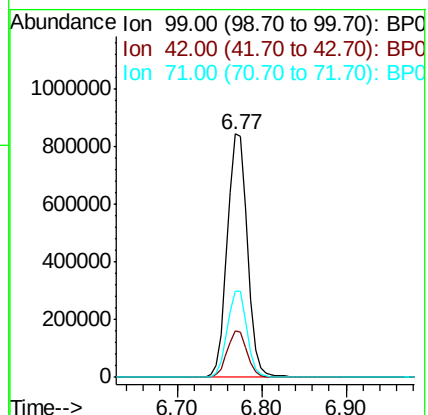
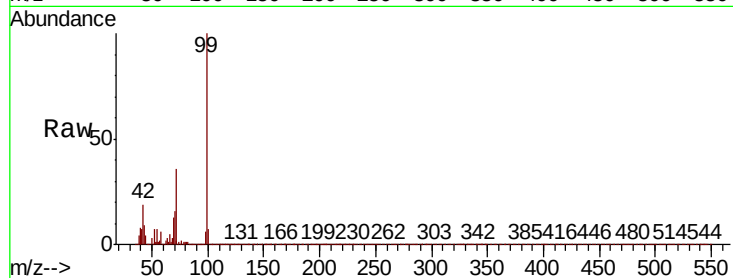
Tot Ion: 99 Resp: 1385300

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.3	22.9
71	35.5	28.2	42.2

99 100

42 19.2 15.3 22.9

71 35.5 28.2 42.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

Tgt Ion: 136 Resp: 731244

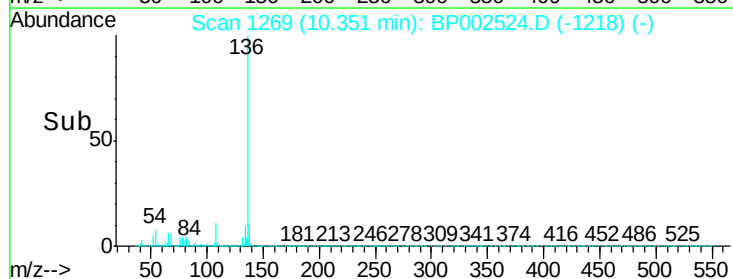
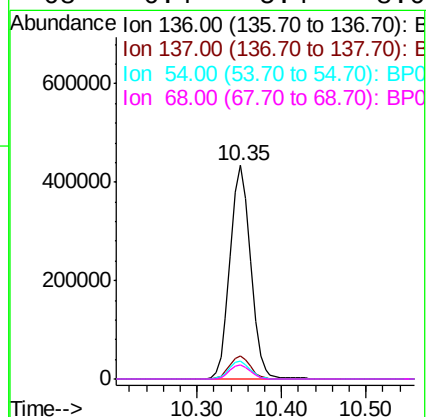
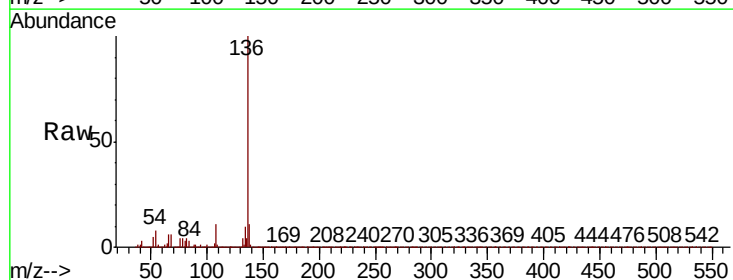
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.2	6.6	10.0
68	6.4	5.4	8.0

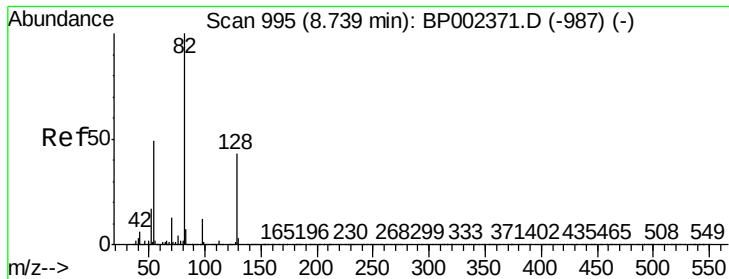
136 100

137 10.6 8.9 13.3

54 8.2 6.6 10.0

68 6.4 5.4 8.0

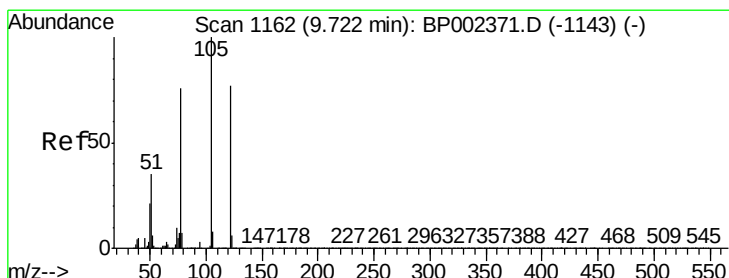
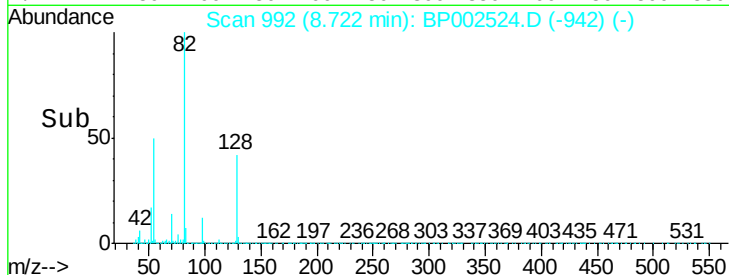
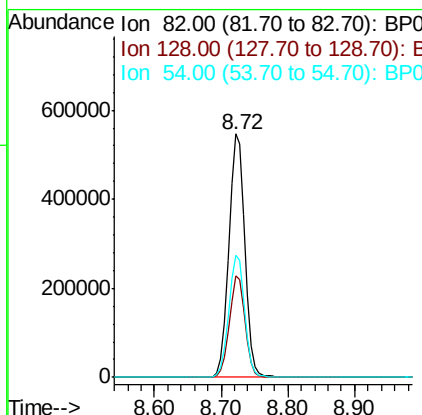
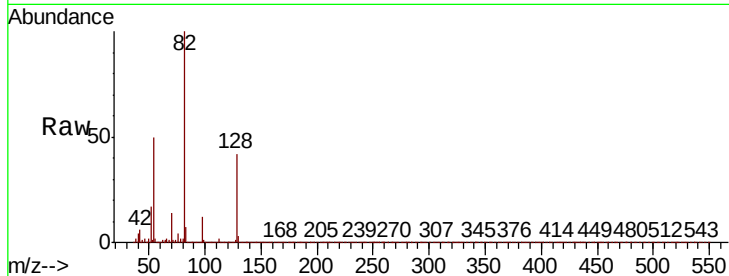




#23
 Nitrobenzene-d5
 Concen: 75.662 ng
 RT: 8.72 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BP002524.D
 Acq: 24 Jun 2020 15:53

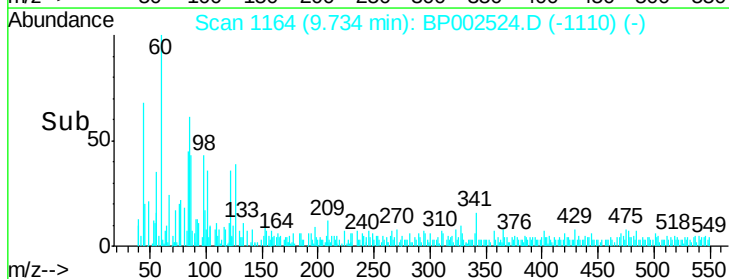
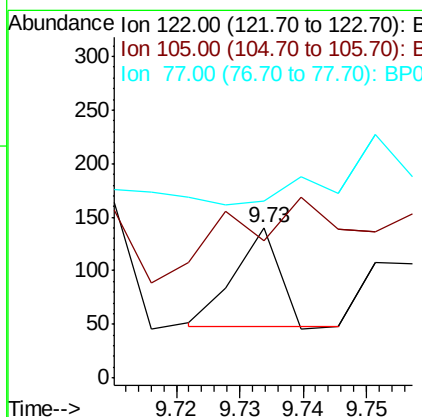
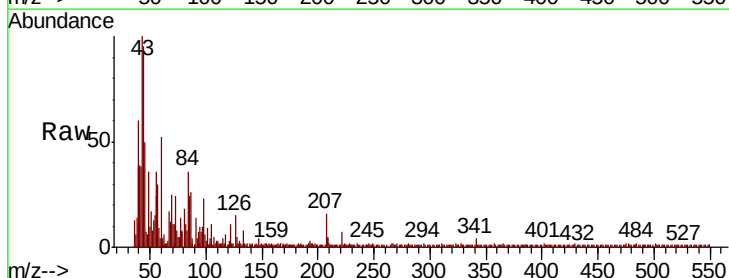
Instrument :
 BNA_P
 ClientSampleId :
 BRENNAN-FL-001

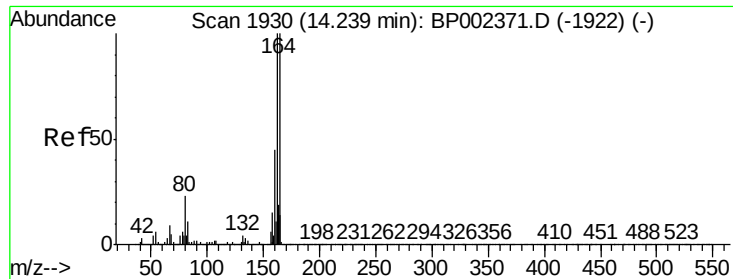
Tot Ion	82	Resp	926466
Ion Ratio	Lower	Upper	
82	100		
128	41.6	32.8	49.2
54	50.4	39.9	59.9



#32
 Benzoic acid
 Concen: 4.604 ng
 RT: 9.73 min Scan# 1164
 Delta R.T. 0.02 min
 Lab File: BP002524.D
 Acq: 24 Jun 2020 15:53

Tgt Ion	122	Resp	44
Ion Ratio	Lower	Upper	
122	100		
105	91.4	105.0	145.0#
77	117.9	76.9	116.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

Instrument :

BNA_P

ClientSampleId :

BRENNAN-FL-001

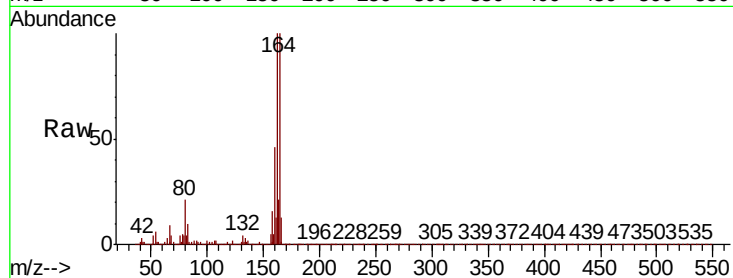
Tot Ion:164 Resp: 383857

Ion Ratio Lower Upper

164 100

162 100.2 80.6 121.0

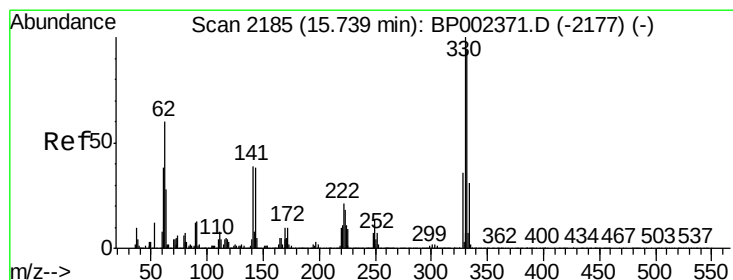
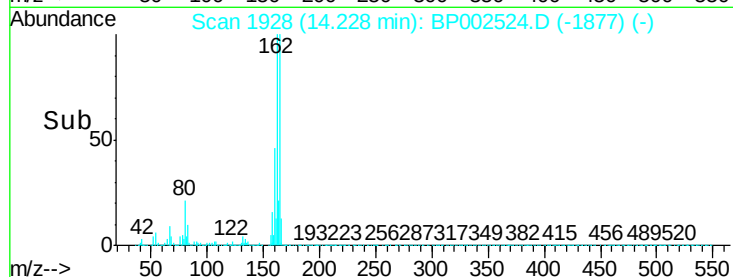
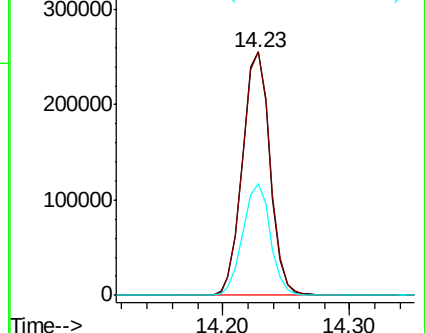
160 45.9 35.4 53.2



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



#42

2,4,6-Tribromophenol

Concen: 99.911 ng

RT: 15.73 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

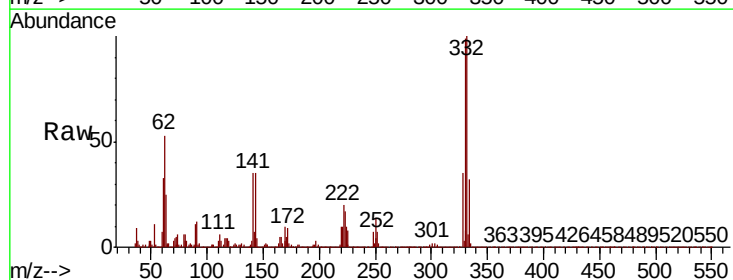
Tgt Ion:330 Resp: 367189

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

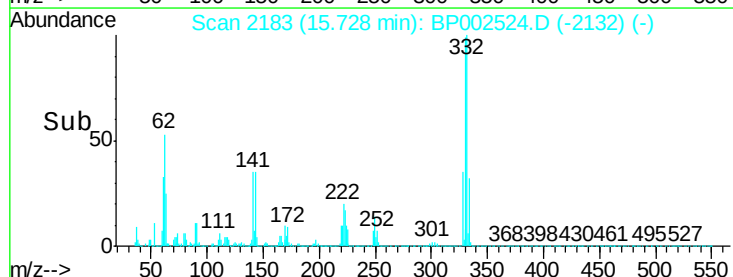
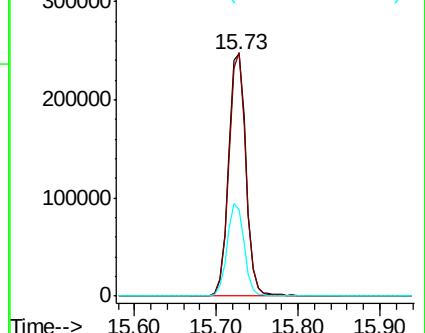
141 37.4 30.4 45.6

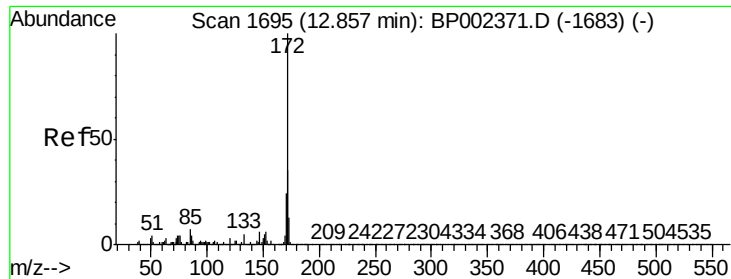


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

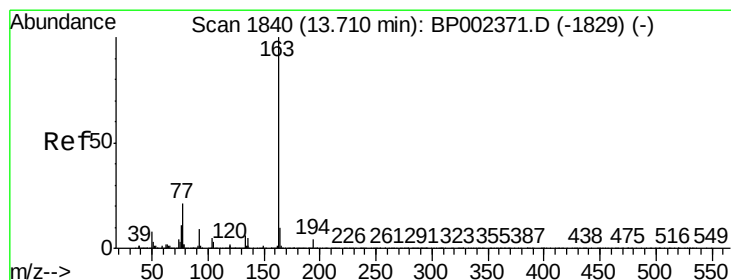
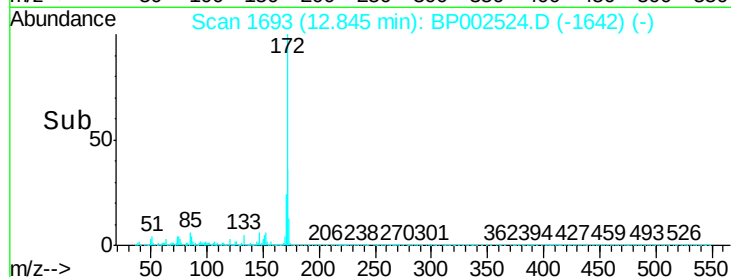
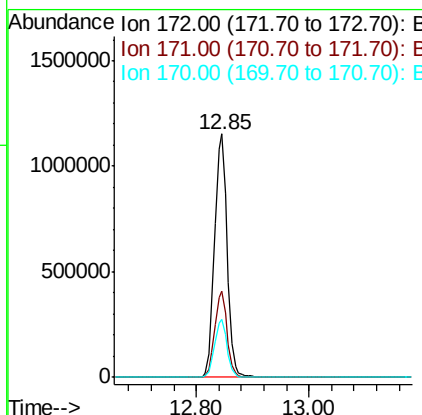
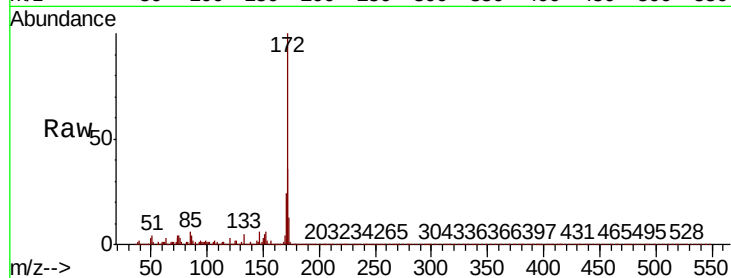




#45
2-Fluorobiphenyl
Concen: 78.425 ng
RT: 12.85 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

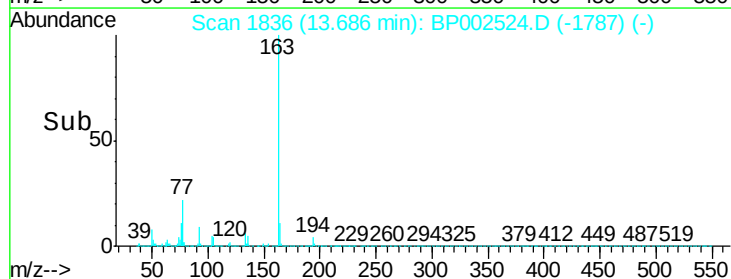
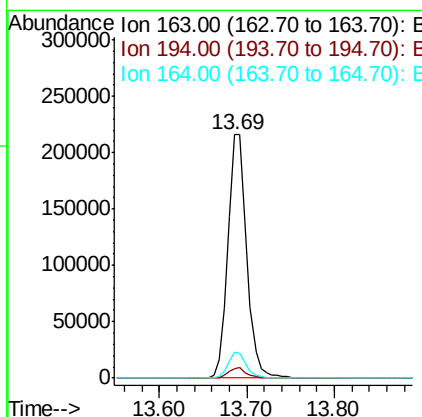
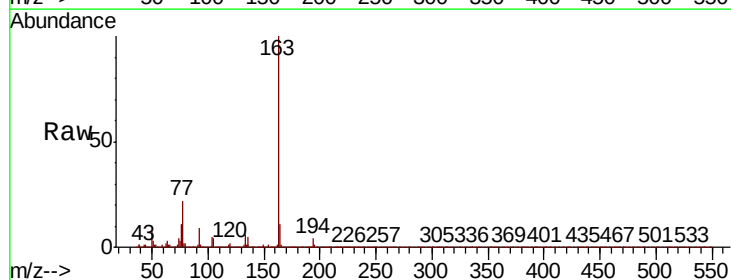
Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

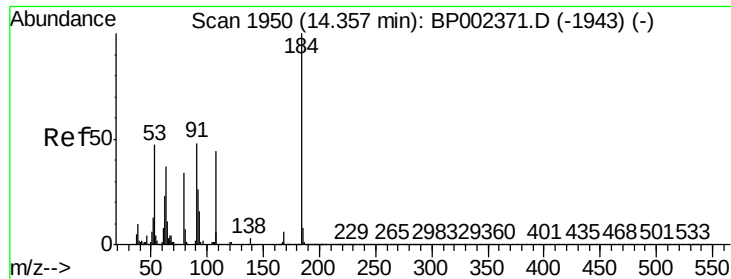
Tot Ion:172 Resp: 1790404
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.0 19.0 28.6



#50
Dimethylphthalate
Concen: 12.167 ng
RT: 13.69 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Tgt Ion:163 Resp: 320008
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.5 8.2 12.2

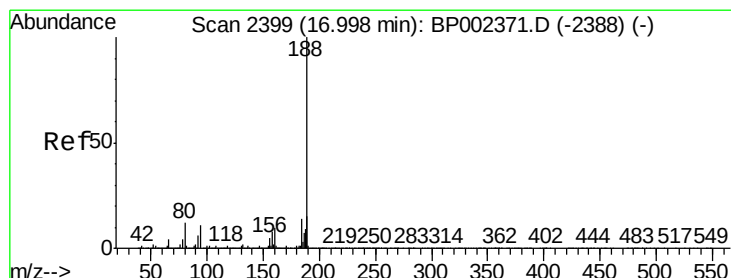
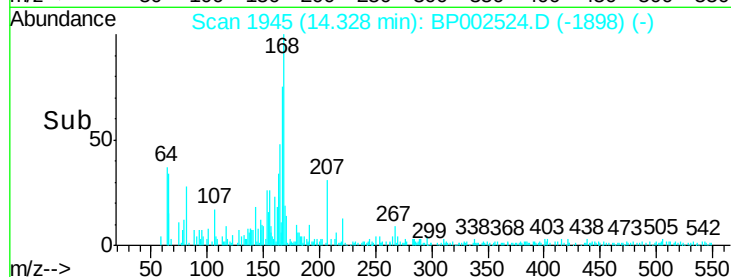
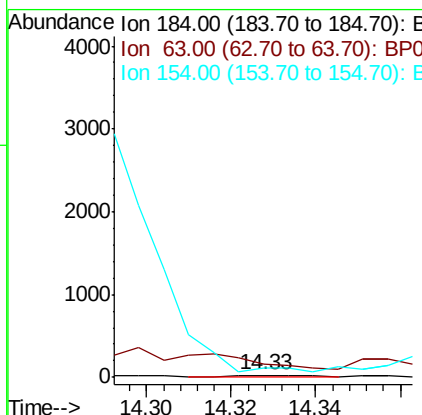
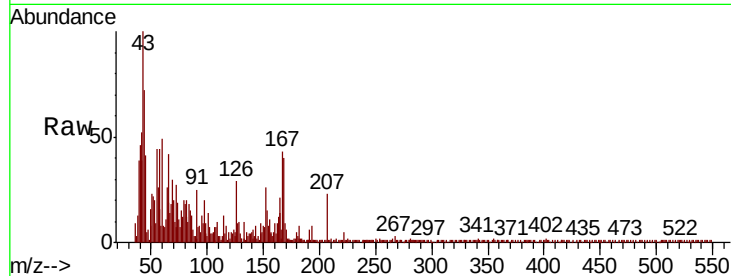




#54
2,4-Dinitrophenol
Concen: 2.797 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

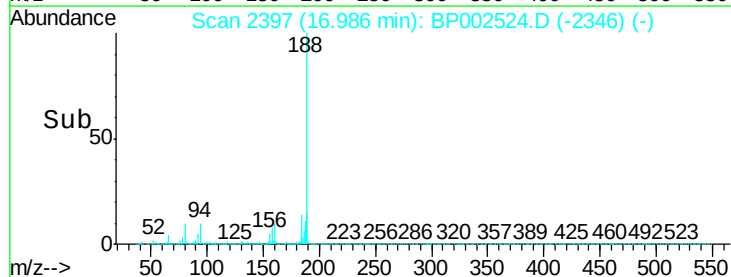
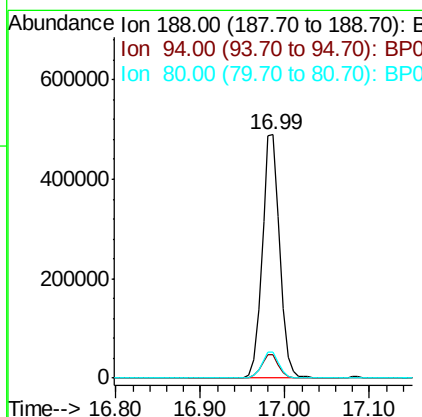
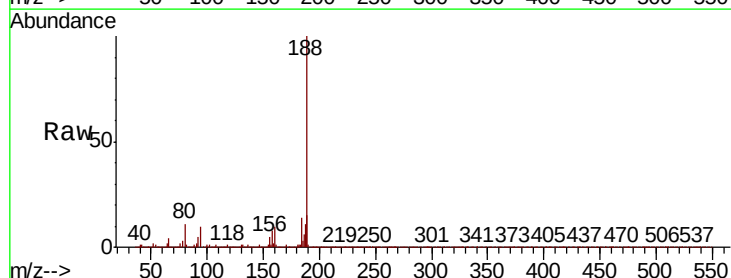
Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

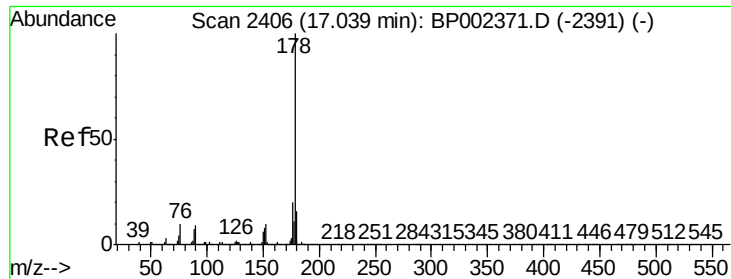
Tot Ion:184 Resp: 38
Ion Ratio Lower Upper
184 100
63 567.9 51.3 76.9#
154 410.7 50.2 75.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Tgt Ion:188 Resp: 710685
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.5 8.3 12.5





#71

Phenanthrene

Concen: 6.896 ng

RT: 17.03 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

Instrument :

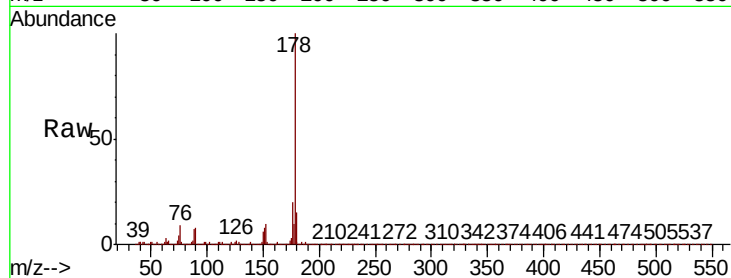
BNA_P

ClientSampleId :

BRENNAN-FL-001

Tot Ion:178 Resp: 229246

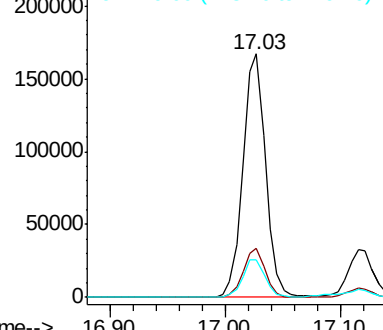
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	15.4	12.8	19.2



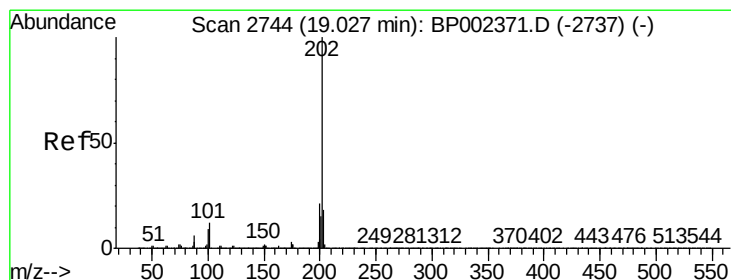
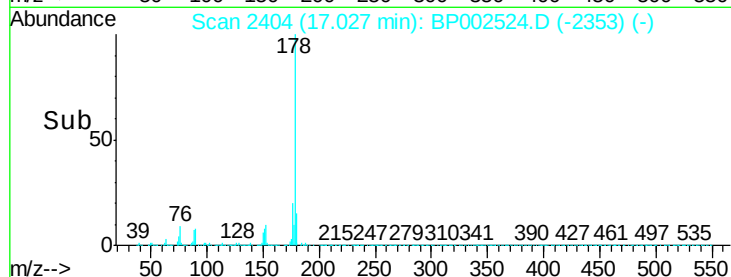
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Fluoranthene

Concen: 5.972 ng

RT: 19.01 min Scan# 2741

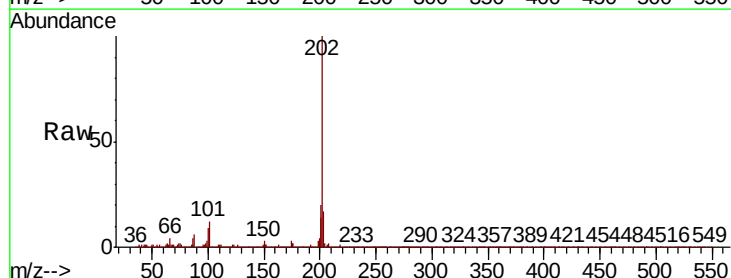
Delta R.T. -0.01 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

Tgt Ion:202 Resp: 236994

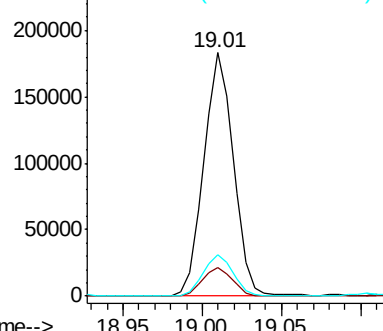
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
203	17.2	0.0	36.9



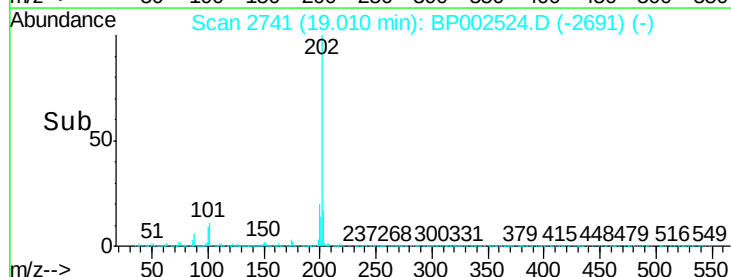
Abundance Ion 202.00 (201.70 to 202.70): E

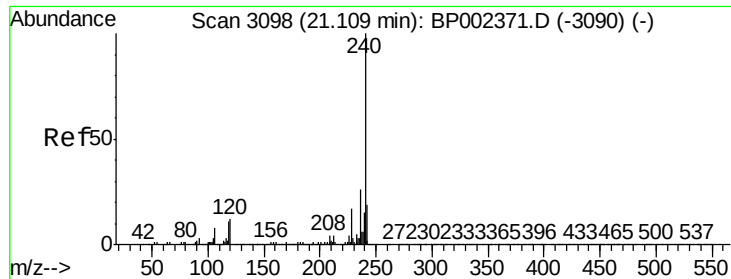
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

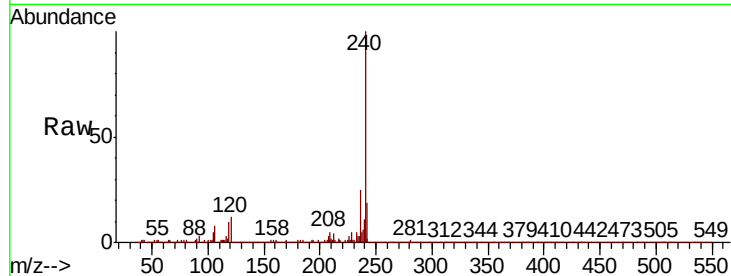




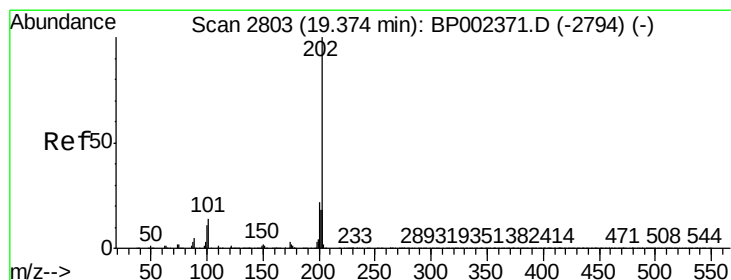
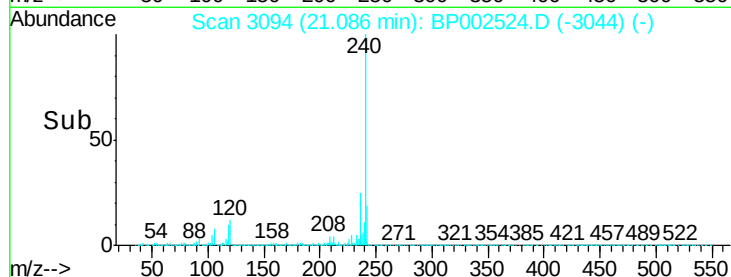
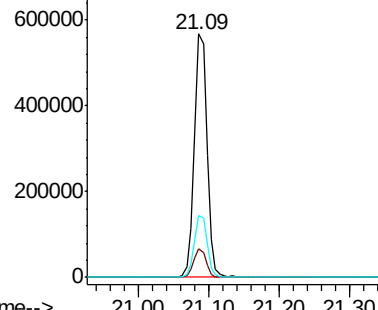
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion:240 Resp: 711293
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.5 21.7 32.5

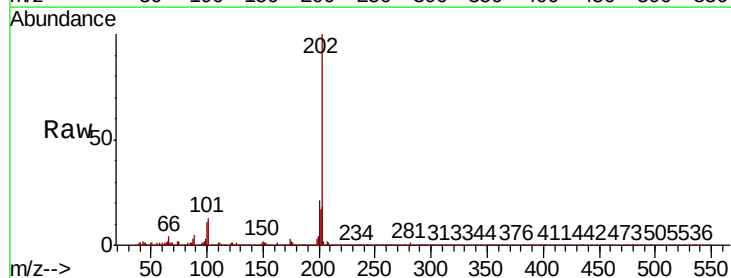


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

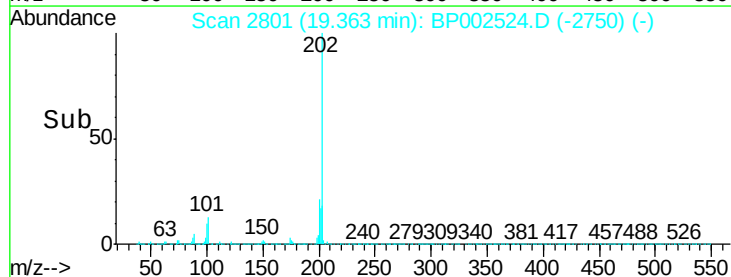
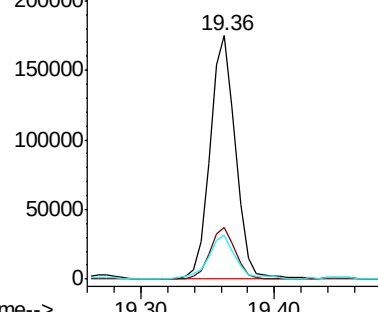


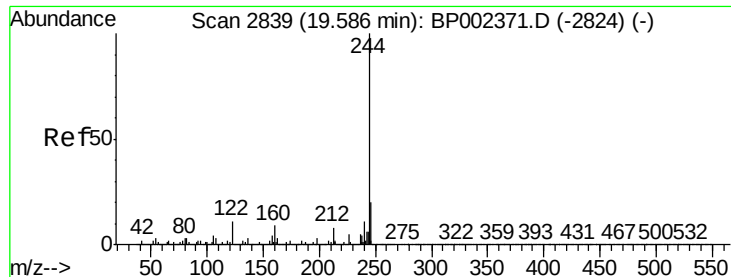
#78
Pyrene
Concen: 5.267 ng
RT: 19.36 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Tgt Ion:202 Resp: 229474
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.0 14.1 21.1



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





#79

Terphenyl-d14

Concen: 67.289 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

Instrument :

BNA_P

ClientSampleId :

BRENNAN-FL-001

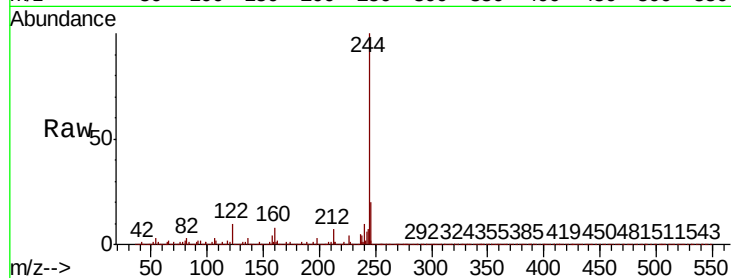
Tot Ion:244 Resp: 2022143

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

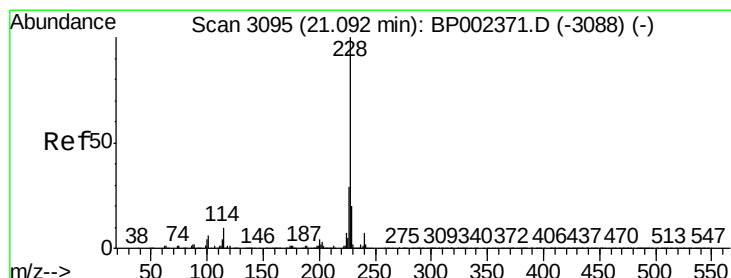
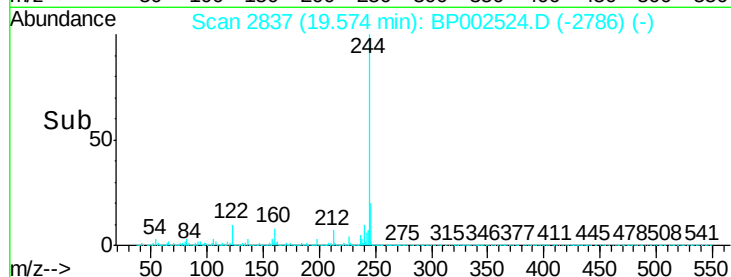
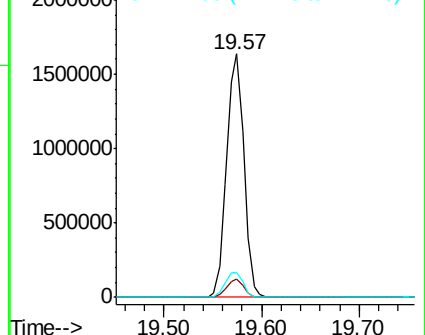
122 10.4 8.0 12.0



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



#81

Benzo(a)anthracene

Concen: 2.837 ng

RT: 21.07 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

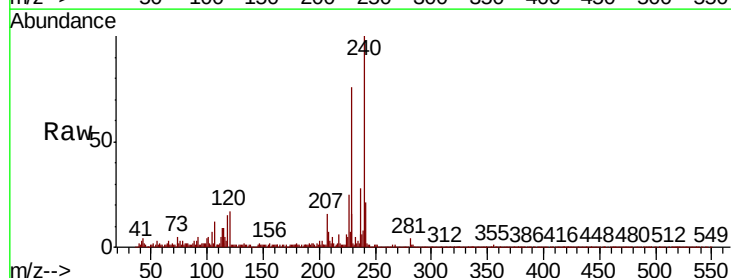
Tgt Ion:228 Resp: 115194

Ion Ratio Lower Upper

228 100

226 32.5 22.3 33.5

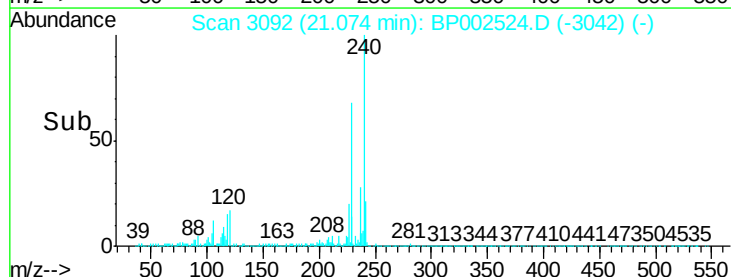
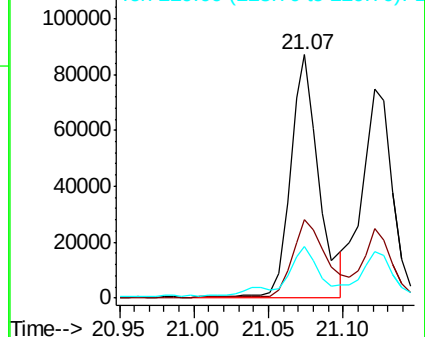
229 21.0 15.9 23.9

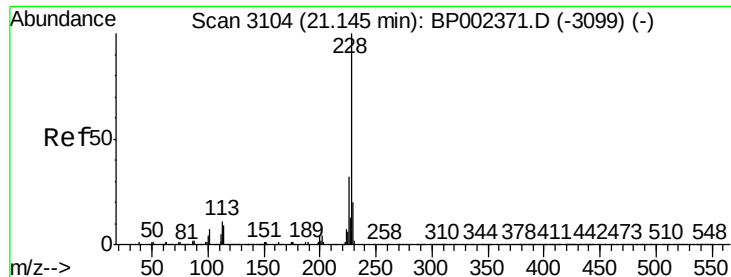


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

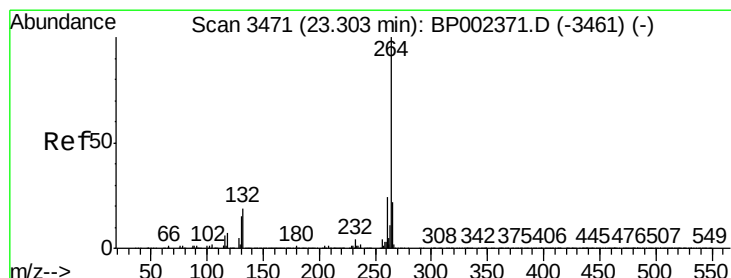
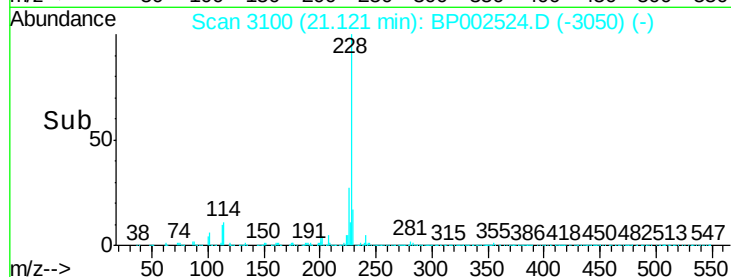
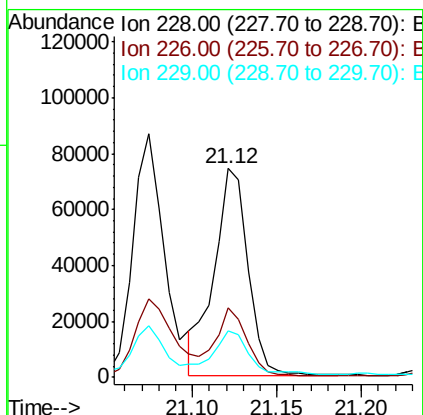
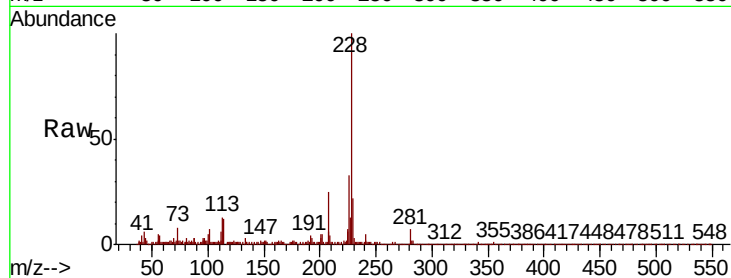




#83
Chrysene
Concen: 2.736 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

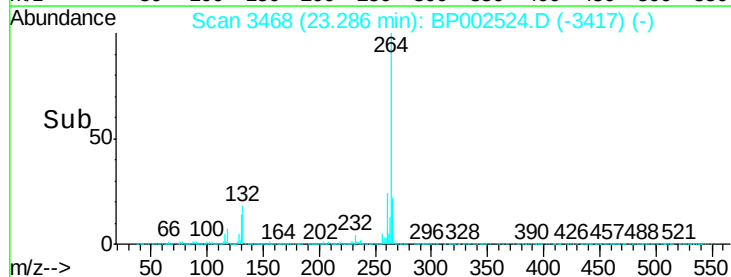
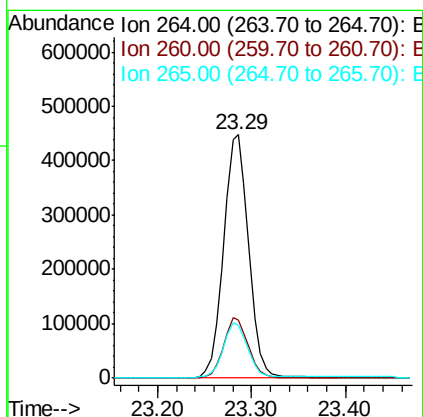
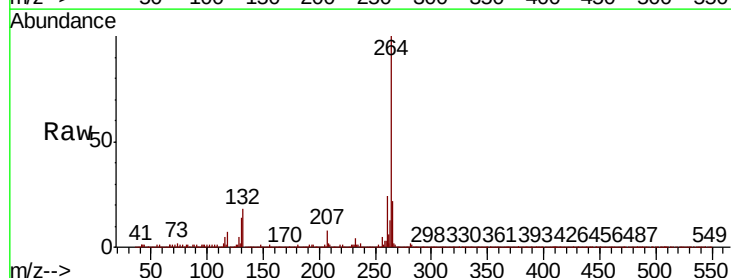
Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

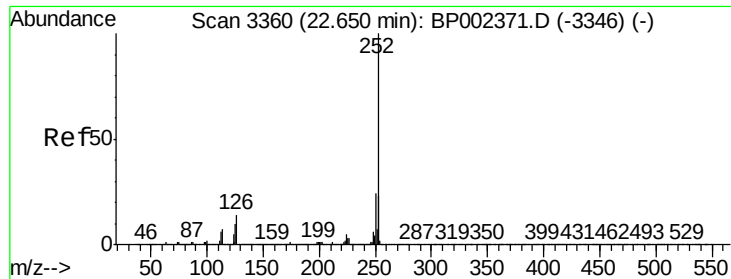
Tot Ion:228 Resp: 105262
Ion Ratio Lower Upper
228 100
226 33.4 25.0 37.6
229 22.4 15.7 23.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Tgt Ion:264 Resp: 825788
Ion Ratio Lower Upper
264 100
260 23.8 19.7 29.5
265 21.8 17.6 26.4





#88

Benzo(b)fluoranthene

Concen: 3.927 ng

RT: 22.63 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

Instrument :

BNA_P

ClientSampleId :

BRENNAN-FL-001

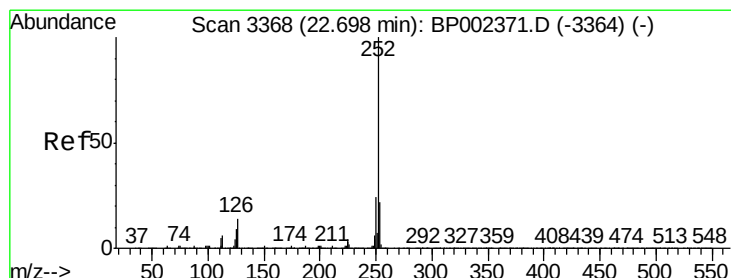
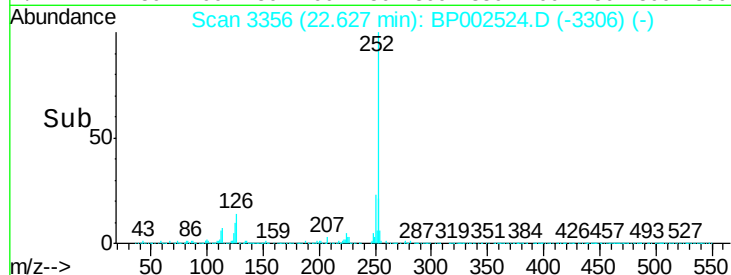
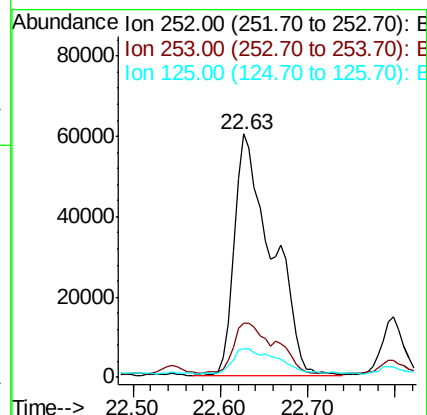
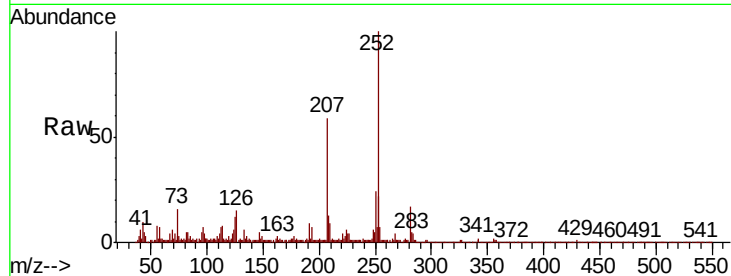
Tot Ion:252 Resp: 174886

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 11.6 7.5 11.3#



#89

Benzo(k)fluoranthene

Concen: 4.133 ng

RT: 22.63 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

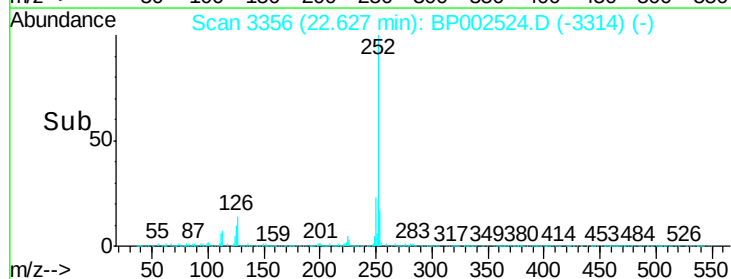
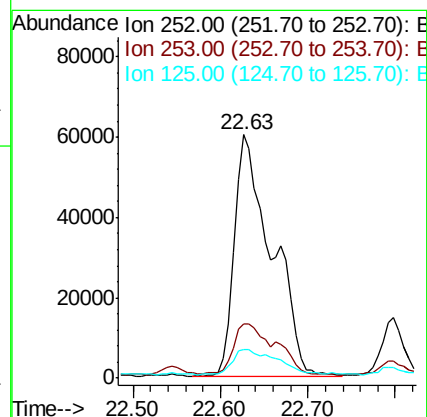
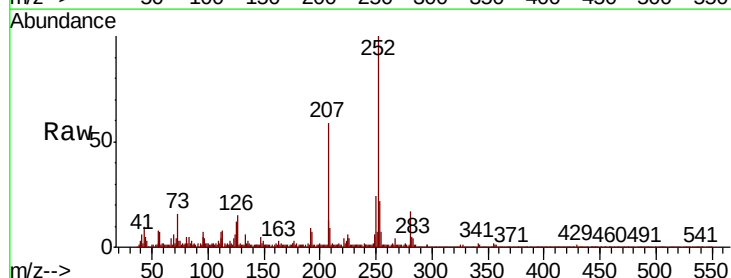
Tgt Ion:252 Resp: 174886

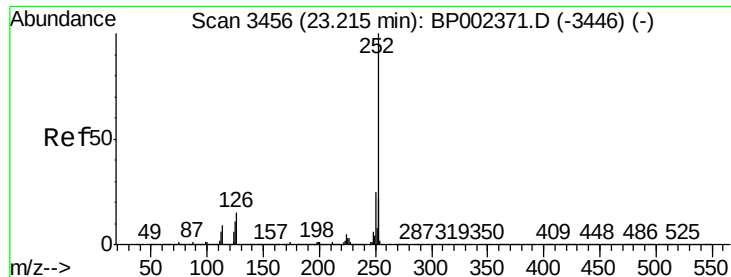
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 11.6 7.0 10.4#





#90

Benzo(a)pyrene

Concen: 2.464 ng

RT: 23.19 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

Instrument :

BNA_P

ClientSampleId :

BRENNAN-FL-001

Tot Ion: 252 Resp: 102820

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 14.3 8.7 13.1

