

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005157.D
 Acq On : 02 Apr 2021 13:56
 Operator : CG/JU
 Sample : M1836-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B6-0-2

Quant Time: Apr 02 15:08:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:23:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

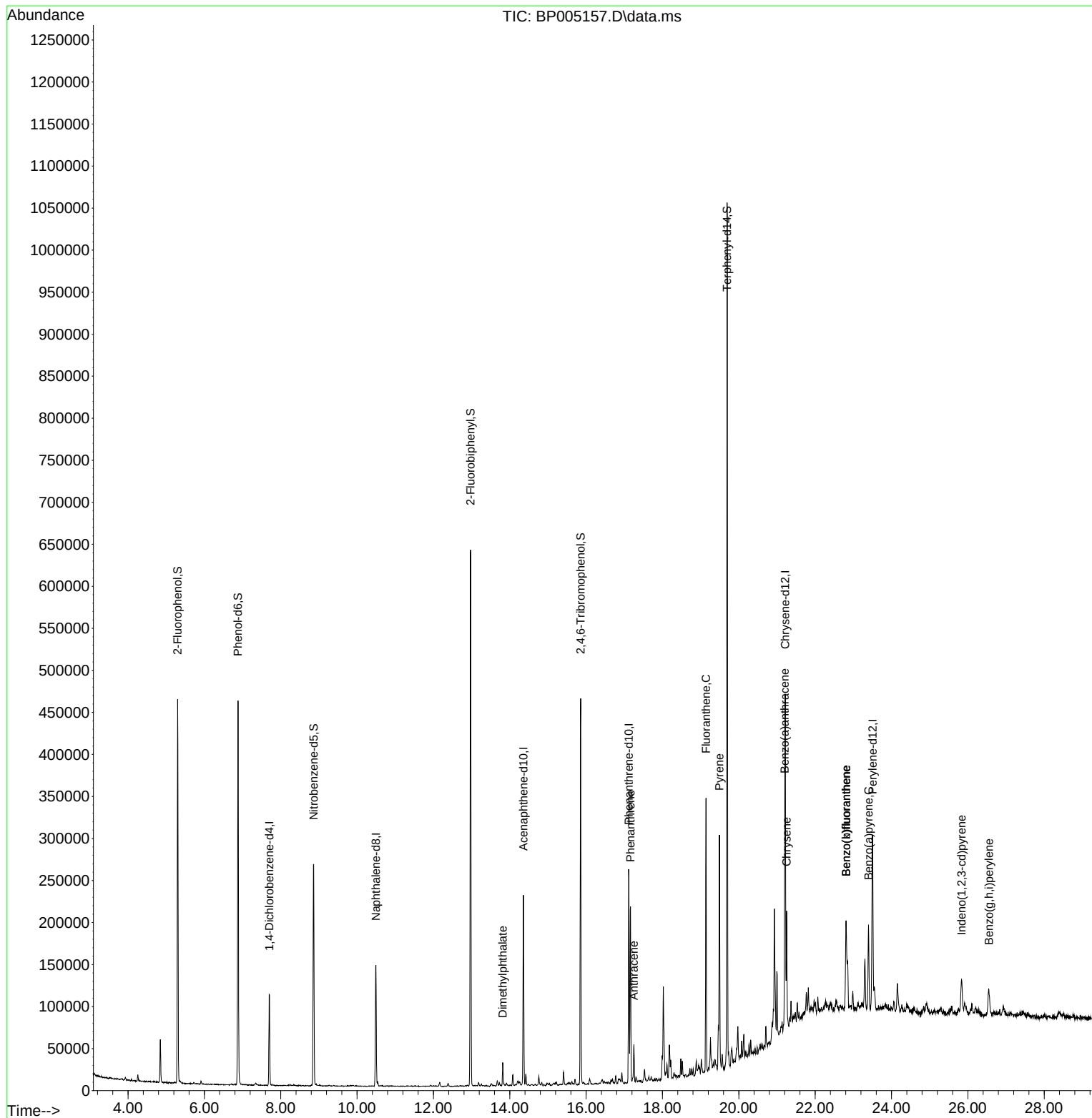
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	28227	20.00	ng	0.00
21) Naphthalene-d8	10.493	136	113414	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	73386	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	144385	20.00	ng	#-0.01
76) Chrysene-d12	21.216	240	148349	20.00	ng	-0.01
86) Perylene-d12	23.504	264	150635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	183497	100.04	ng	0.00
7) Phenol-d6	6.881	99	254902	97.02	ng	0.00
23) Nitrobenzene-d5	8.863	82	164118	62.09	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	74662	78.08	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	320395	59.06	ng	0.00
79) Terphenyl-d14	19.692	244	468608	57.50	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.816	163	16071	2.84	ng	# 94
71) Phenanthrene	17.163	178	120674	14.42	ng	99
72) Anthracene	17.251	178	25369	3.10	ng	95
75) Fluoranthene	19.139	202	177860	18.06	ng	98
78) Pyrene	19.492	202	156143	15.32	ng	98
81) Benzo(a)anthracene	21.204	228	78824	7.82	ng	99
83) Chrysene	21.251	228	73400	7.42	ng	96
87) Indeno(1,2,3-cd)pyrene	25.833	276	39793	3.52	ng	96
88) Benzo(b)fluoranthene	22.810	252	120012	11.22	ng	98
89) Benzo(k)fluoranthene	22.810	252	120012	11.71	ng	99
90) Benzo(a)pyrene	23.398	252	67628	7.05	ng	98
92) Benzo(g,h,i)perylene	26.551	276	38003	4.03	ng	98

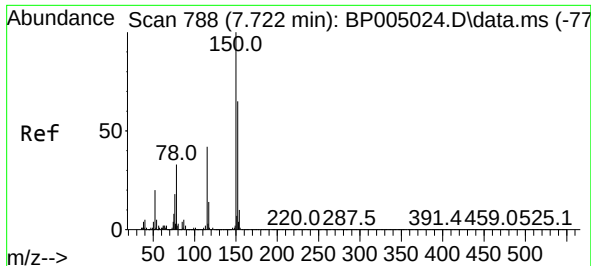
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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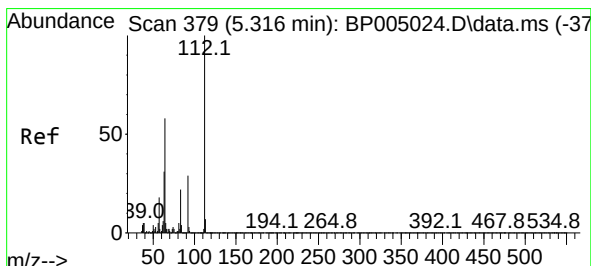
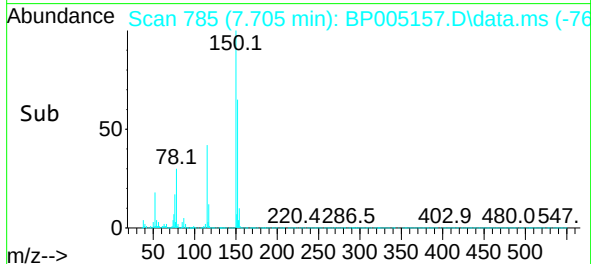
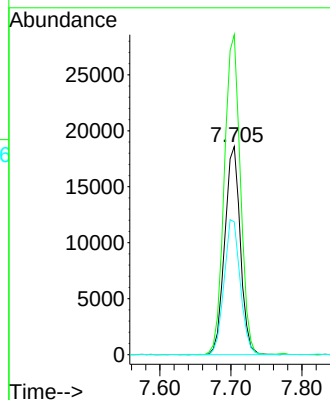
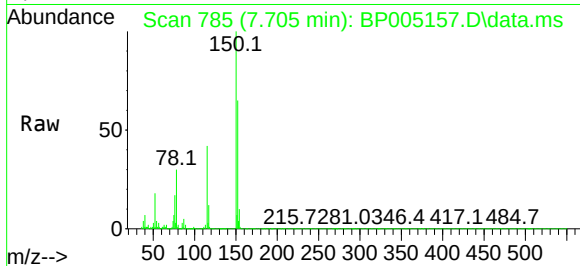




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

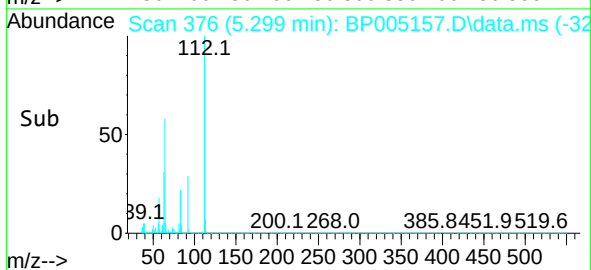
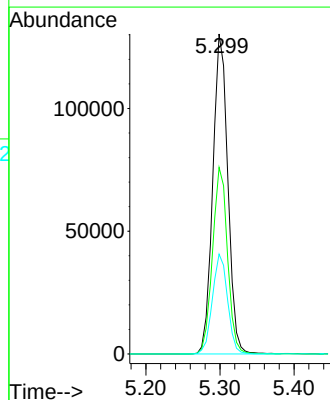
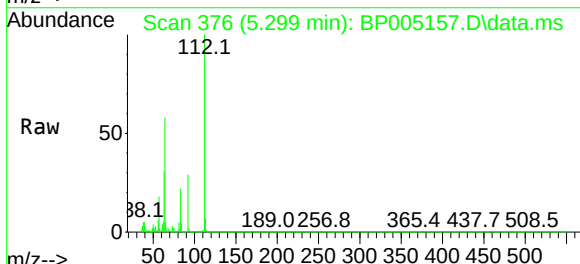
Instrument :
BNA_P
ClientSampleId :
B6-0-2

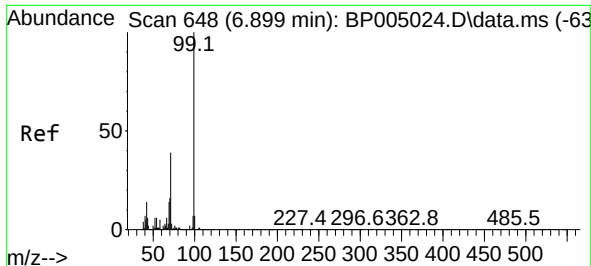
Tgt Ion:152 Resp: 28227
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 63.8 43.8 65.6



#5
2-Fluorophenol
Concen: 100.04 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

Tgt Ion:112 Resp: 183497
Ion Ratio Lower Upper
112 100
64 58.3 32.8 49.2#
63 31.2 17.0 25.4#

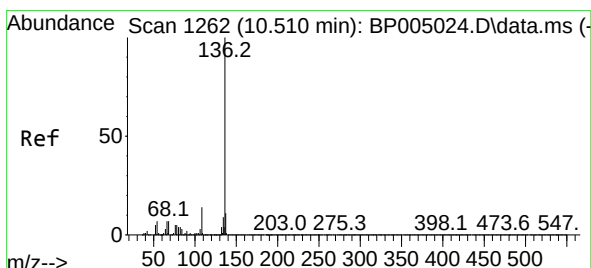
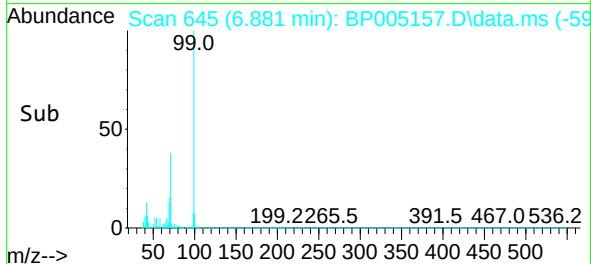
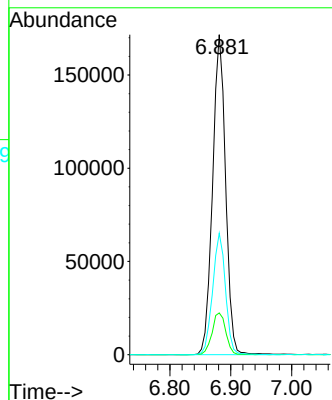
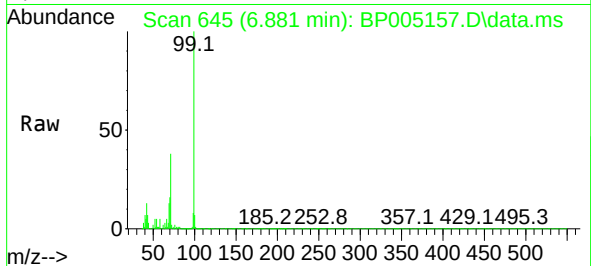




#7
Phenol-d6
Concen: 97.02 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

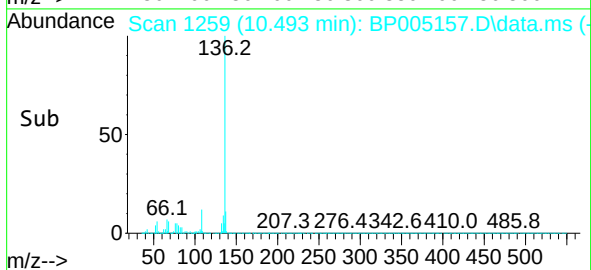
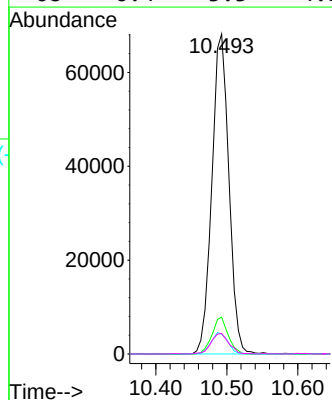
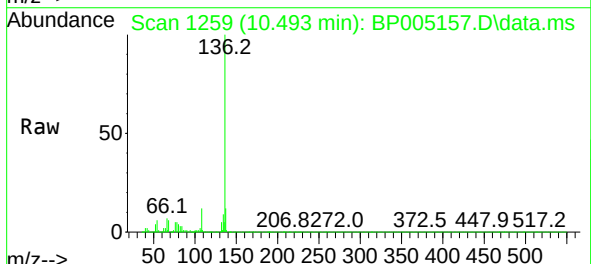
Instrument :
BNA_P
ClientSampled :
B6-0-2

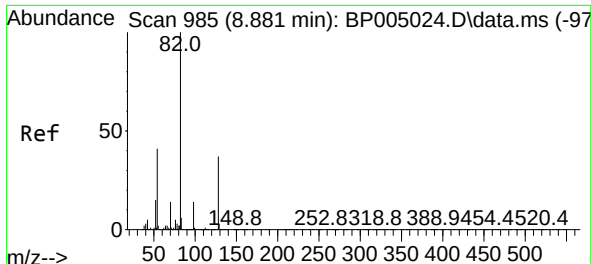
Tgt Ion: 99 Resp: 254902
Ion Ratio Lower Upper
99 100
42 13.1 8.6 13.0#
71 37.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

Tgt Ion: 136 Resp: 113414
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 6.2 3.6 5.4#
68 6.4 3.3 4.9#

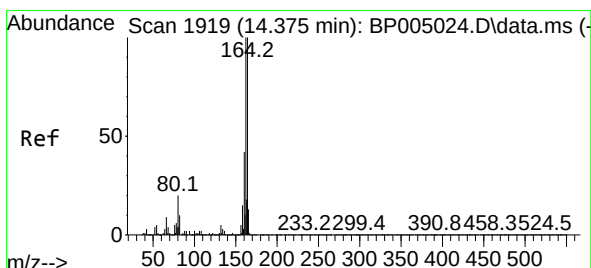
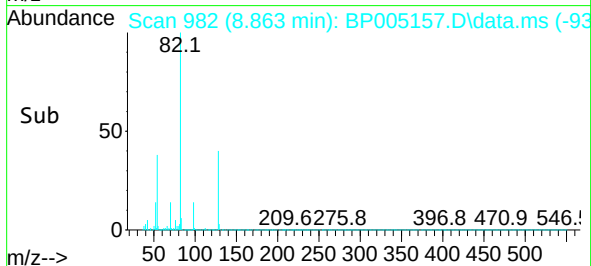
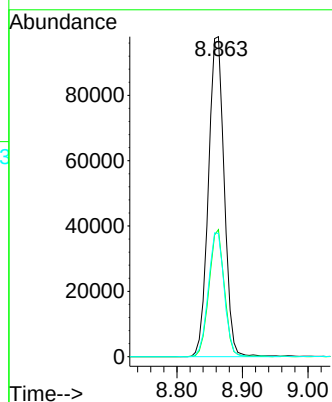
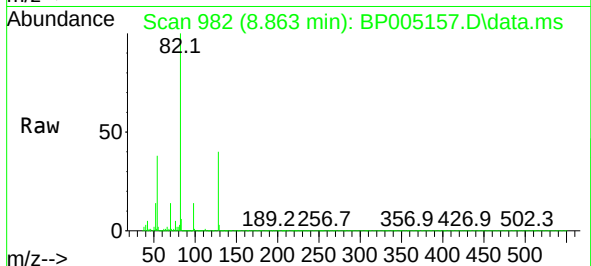




#23
Nitrobenzene-d5
Concen: 62.09 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

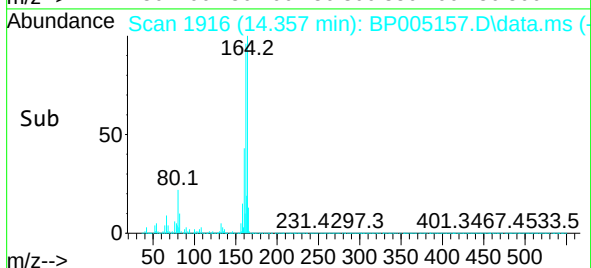
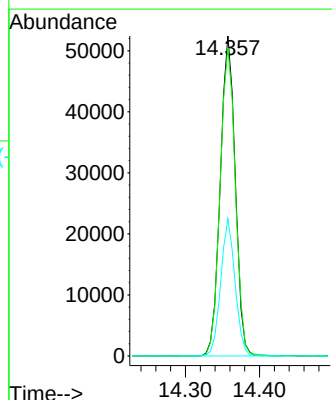
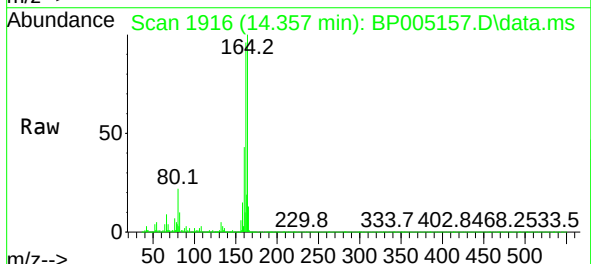
Instrument :
BNA_P
ClientSampleId :
B6-0-2

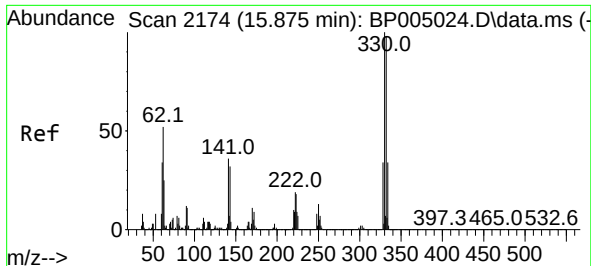
Tgt Ion: 82 Resp: 164118
Ion Ratio Lower Upper
82 100
128 39.7 45.6 68.4#
54 38.5 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

Tgt Ion: 164 Resp: 73386
Ion Ratio Lower Upper
164 100
162 96.2 79.4 119.2
160 42.9 36.1 54.1

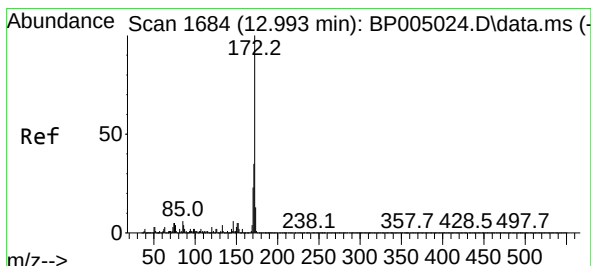
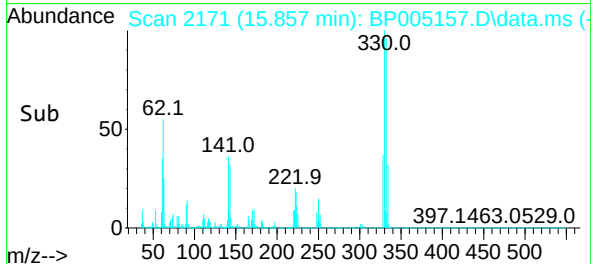
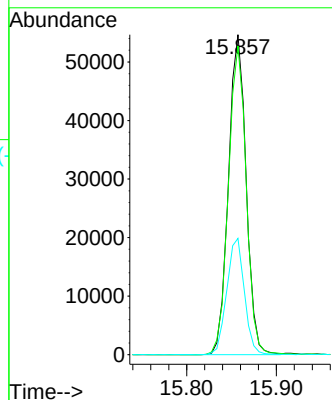
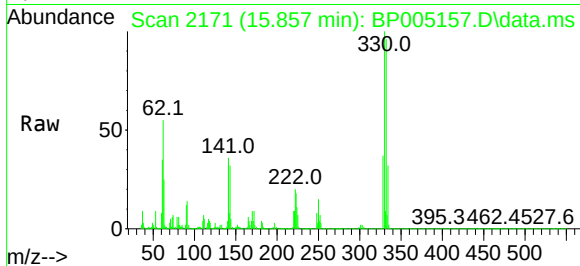




#42
2,4,6-Tribromophenol
Concen: 78.08 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

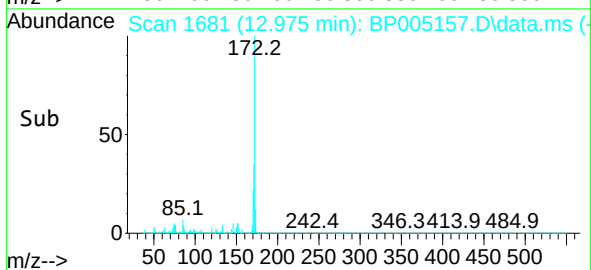
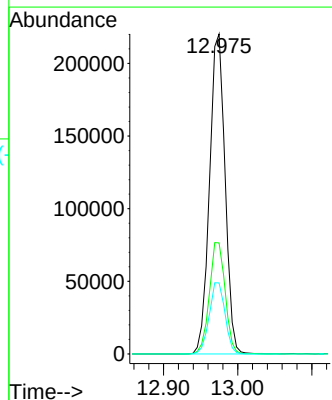
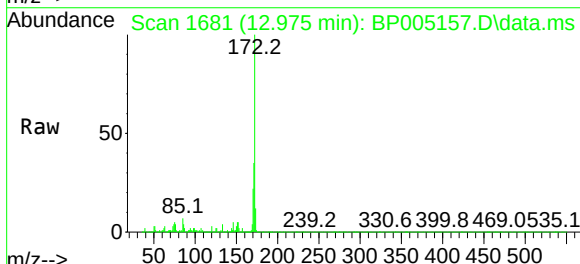
Instrument :
BNA_P
ClientSampleId :
B6-0-2

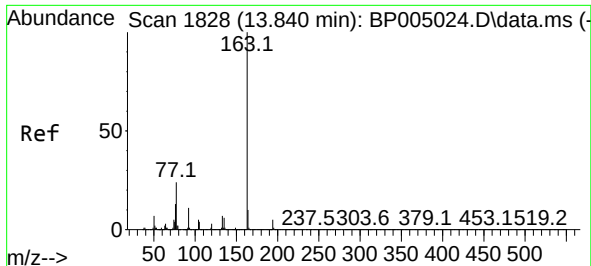
Tgt Ion:330 Resp: 74662
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 36.4 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 59.06 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

Tgt Ion:172 Resp: 320395
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.2 19.2 28.8

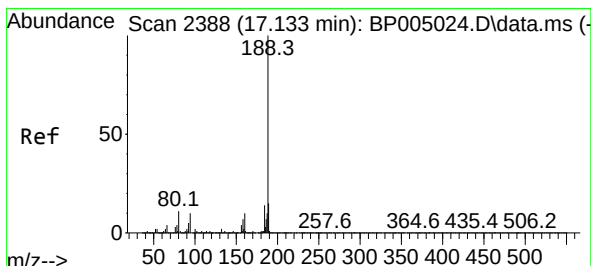
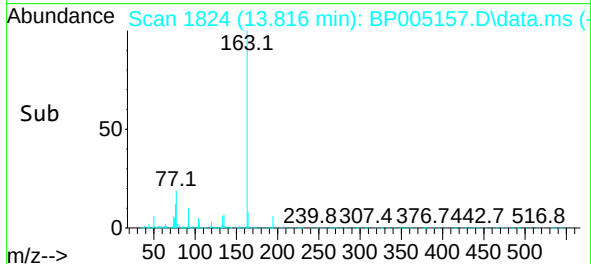
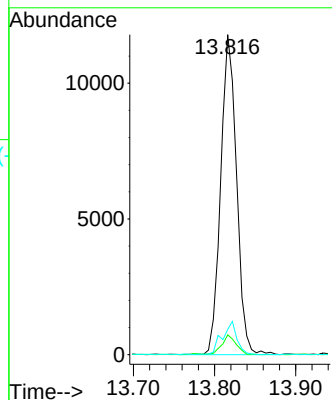
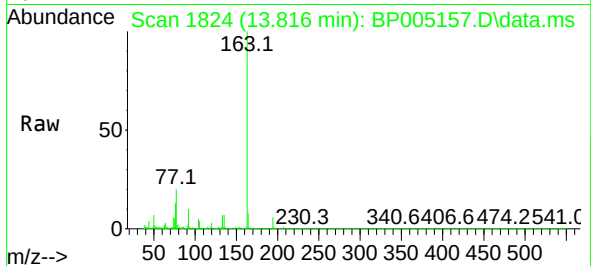




#50
Dimethylphthalate
Concen: 2.84 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

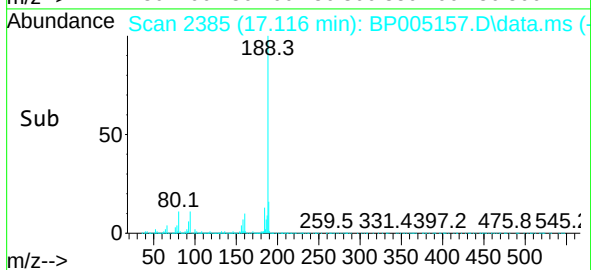
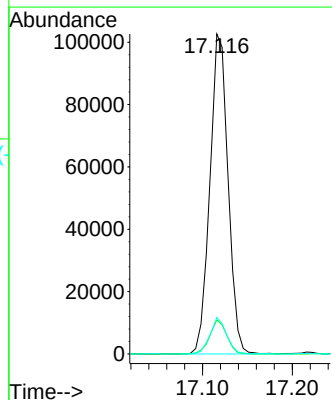
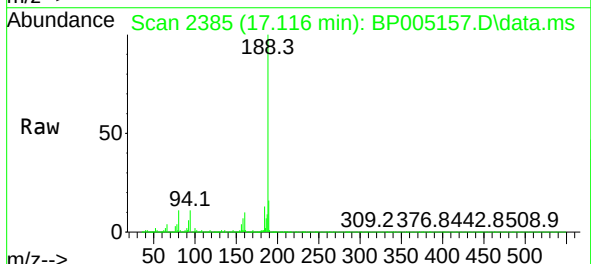
Instrument :
BNA_P
ClientSampled :
B6-0-2

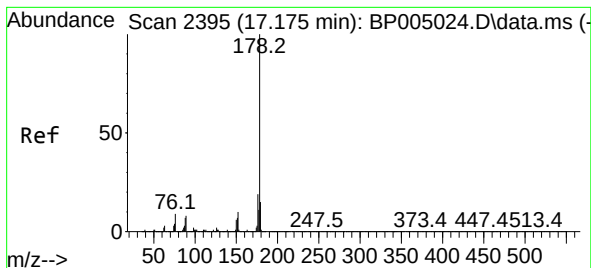
Tgt Ion:163 Resp: 16071
Ion Ratio Lower Upper
163 100
194 6.2 3.3 4.9#
164 7.9 8.2 12.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

Tgt Ion:188 Resp: 144385
Ion Ratio Lower Upper
188 100
94 10.6 6.2 9.2#
80 11.4 6.2 9.2#

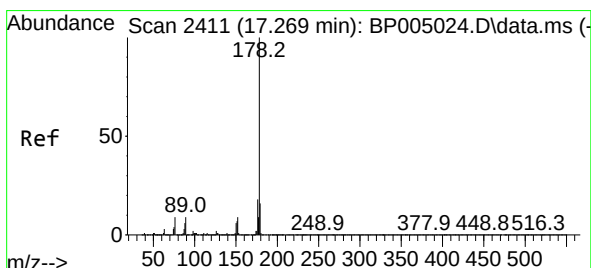
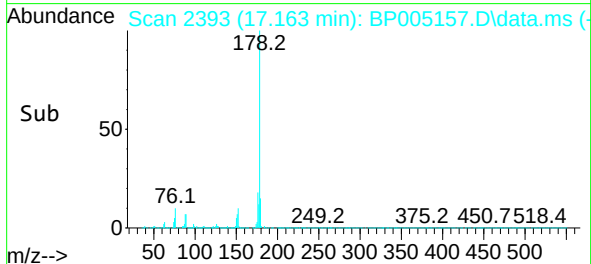
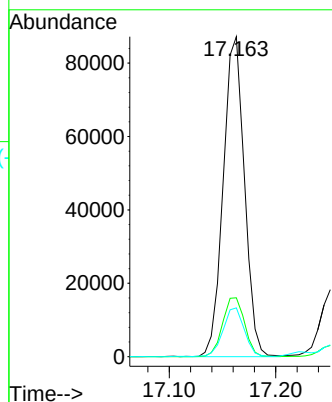
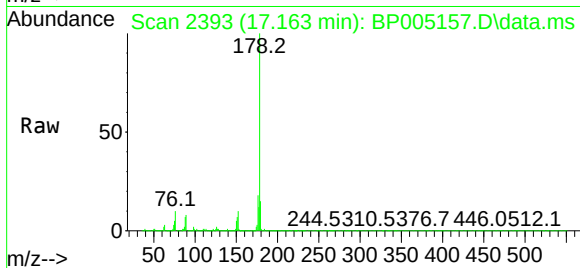




#71
Phenanthrene
Concen: 14.42 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

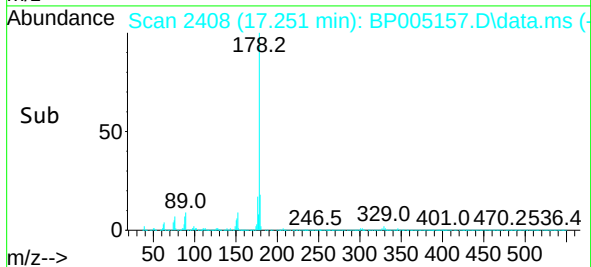
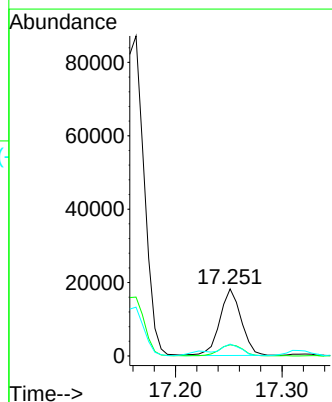
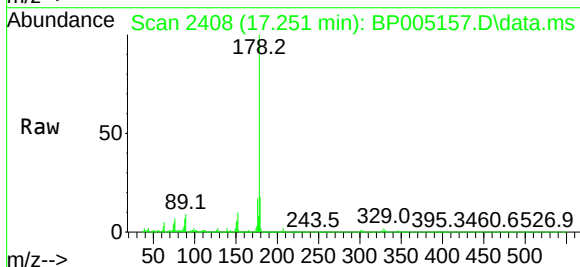
Instrument :
BNA_P
ClientSampled :
B6-0-2

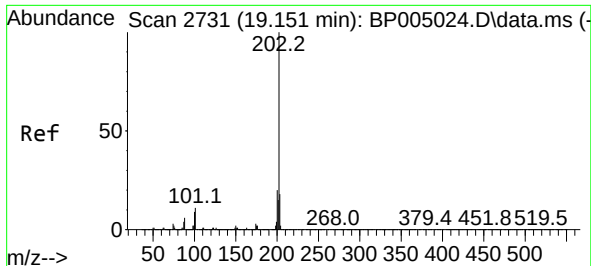
Tgt Ion:178 Resp: 120674
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 15.2 12.5 18.7



#72
Anthracene
Concen: 3.10 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

Tgt Ion:178 Resp: 25369
Ion Ratio Lower Upper
178 100
176 16.8 15.0 22.4
179 17.6 12.5 18.7

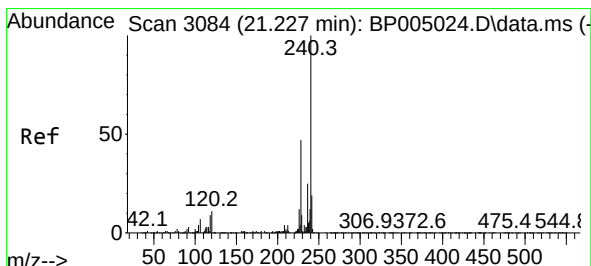
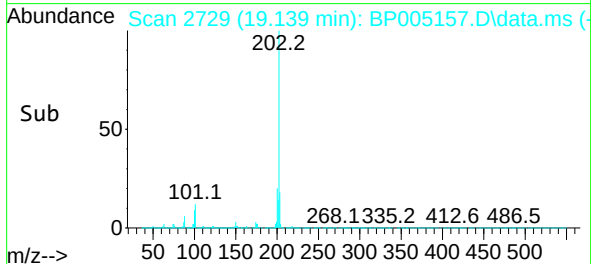
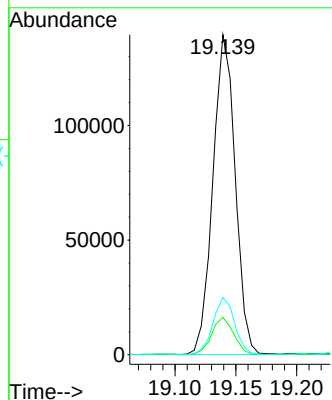
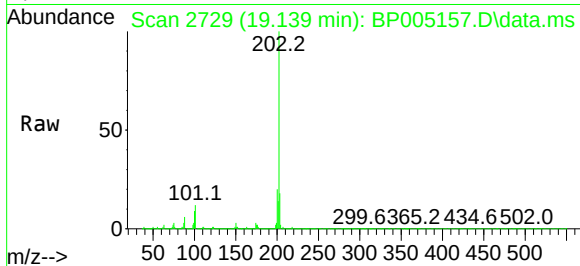




#75
Fluoranthene
Concen: 18.06 ng
RT: 19.139 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

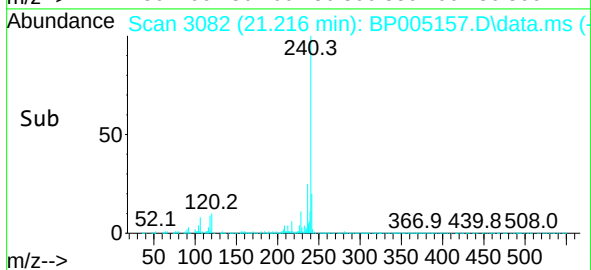
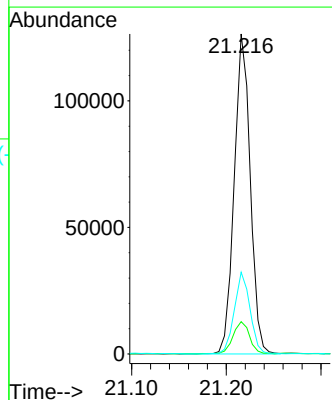
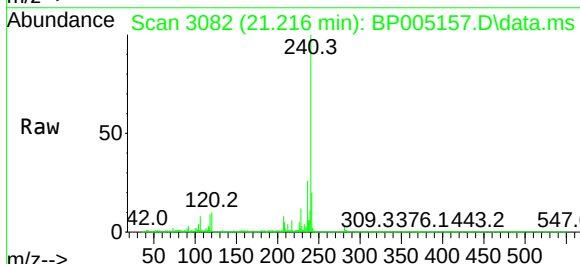
Instrument :
BNA_P
ClientSampleId :
B6-0-2

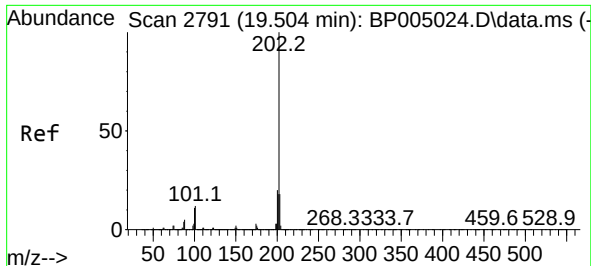
Tgt Ion:202 Resp: 177860
Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.4
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

Tgt Ion:240 Resp: 148349
Ion Ratio Lower Upper
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120 10.1 7.8 11.6
236 25.5 20.8 31.2

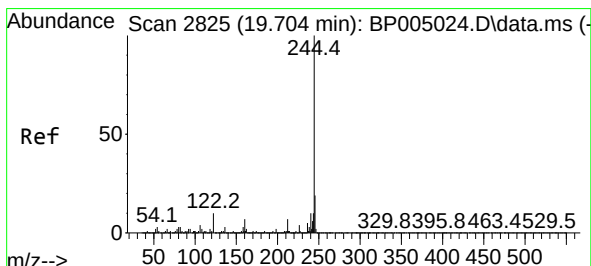
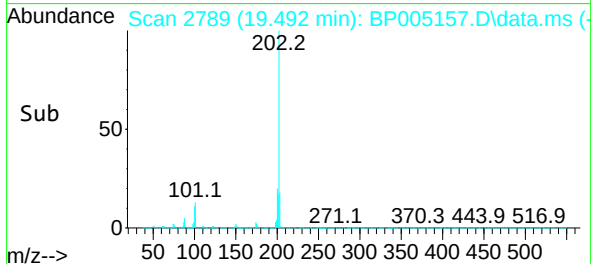
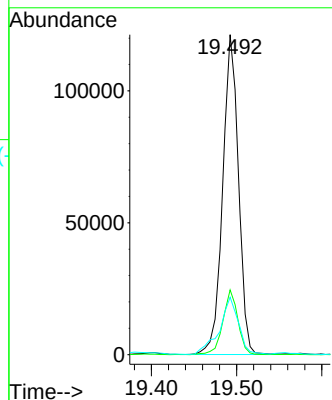
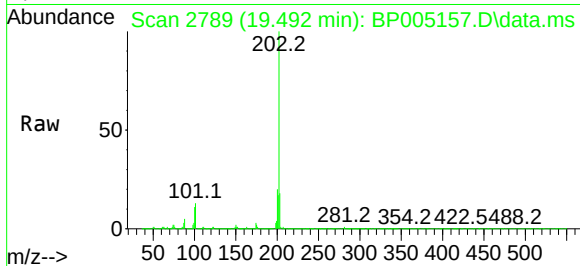




#78
Pyrene
Concen: 15.32 ng
RT: 19.492 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

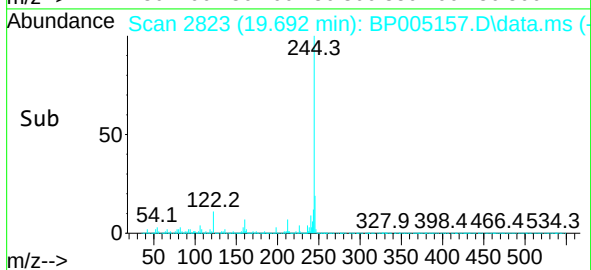
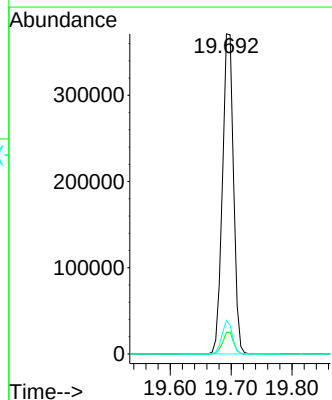
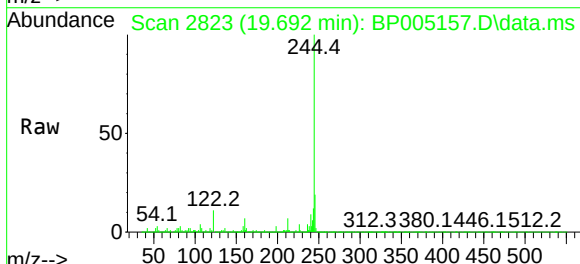
Instrument :
BNA_P
ClientSampleId :
B6-0-2

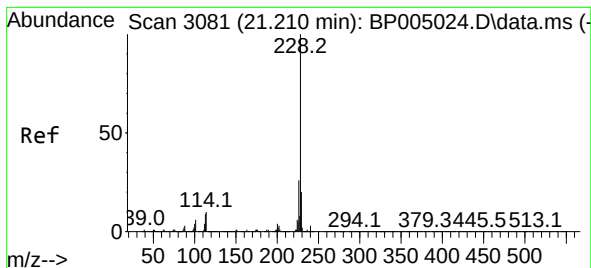
Tgt Ion:202 Resp: 156143
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 18.0 14.2 21.2



#79
Terphenyl-d14
Concen: 57.50 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

Tgt Ion:244 Resp: 468608
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 10.6 7.8 11.8





#81

Benzo(a)anthracene

Concen: 7.82 ng

RT: 21.204 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BP005157.D

Acq: 02 Apr 2021 13:56

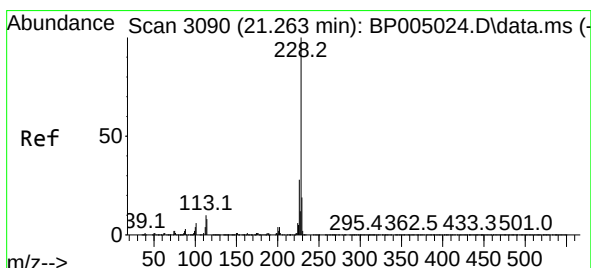
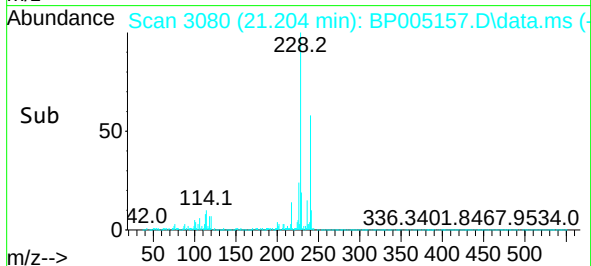
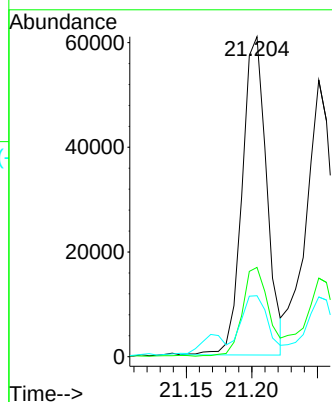
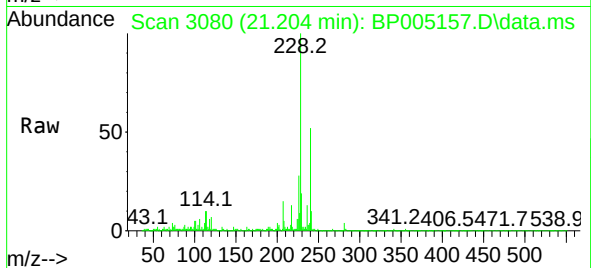
Instrument :

BNA_P

ClientSampleId :

B6-0-2

Tgt Ion:228	Resp:	78824
Ion Ratio	Lower	Upper
228	100	
226	27.9	22.1 33.1
229	19.1	15.9 23.9



#83

Chrysene

Concen: 7.42 ng

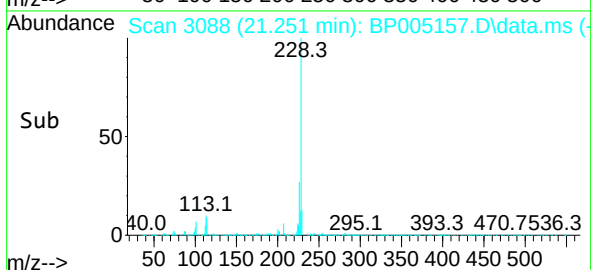
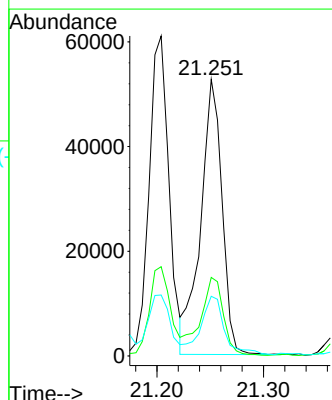
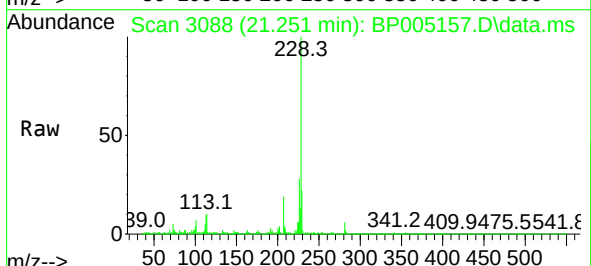
RT: 21.251 min Scan# 3088

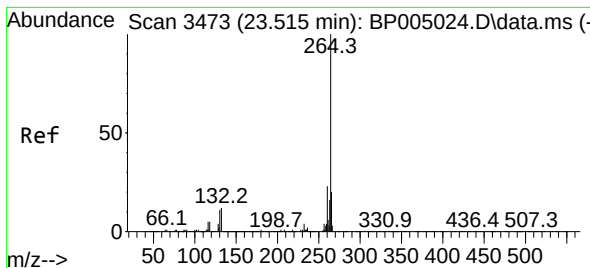
Delta R.T. -0.012 min

Lab File: BP005157.D

Acq: 02 Apr 2021 13:56

Tgt Ion:228	Resp:	73400
Ion Ratio	Lower	Upper
228	100	
226	28.4	24.4 36.6
229	21.6	15.8 23.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.504 min Scan# 3471

Delta R.T. -0.006 min

Lab File: BP005157.D

Acq: 02 Apr 2021 13:56

Instrument :

BNA_P

ClientSampleId :

B6-0-2

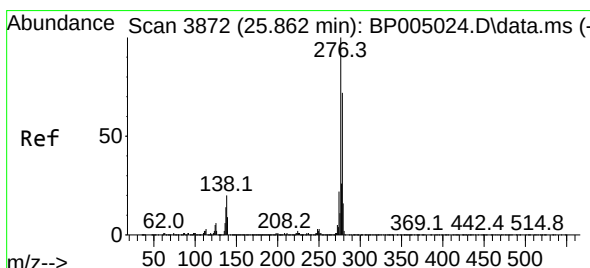
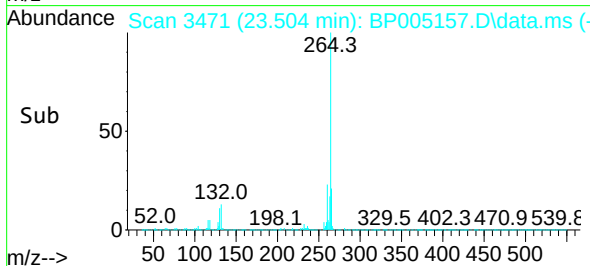
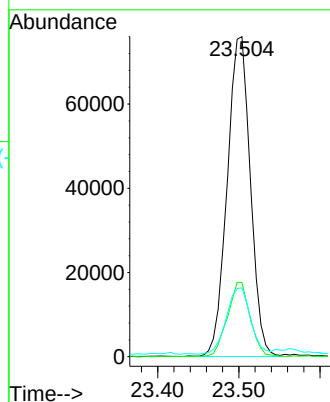
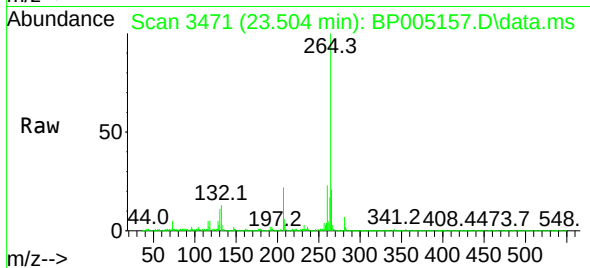
Tgt Ion:264 Resp: 150635

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.5 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.52 ng

RT: 25.833 min Scan# 3867

Delta R.T. -0.029 min

Lab File: BP005157.D

Acq: 02 Apr 2021 13:56

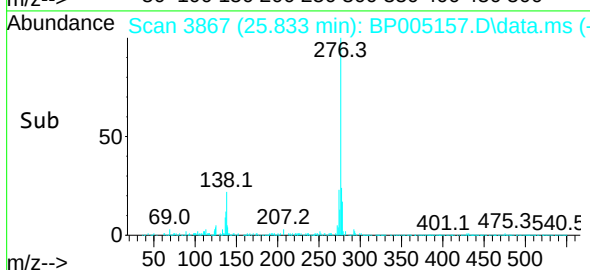
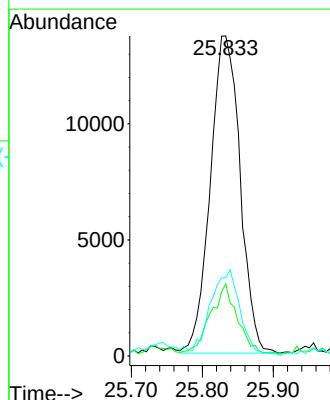
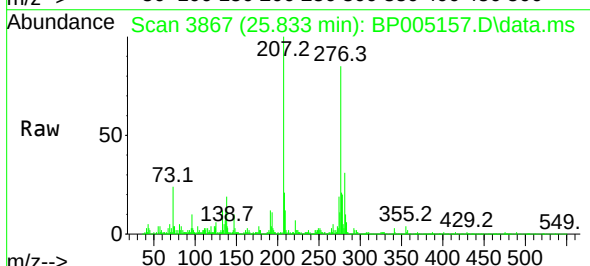
Tgt Ion:276 Resp: 39793

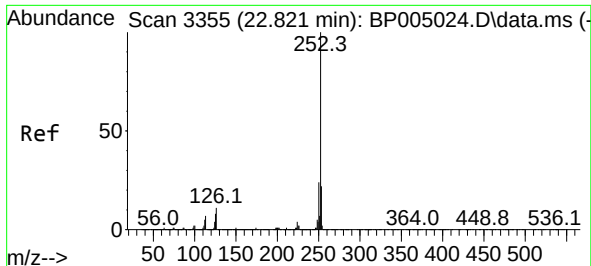
Ion Ratio Lower Upper

276 100

138 20.0 18.7 28.1

277 26.5 20.4 30.6

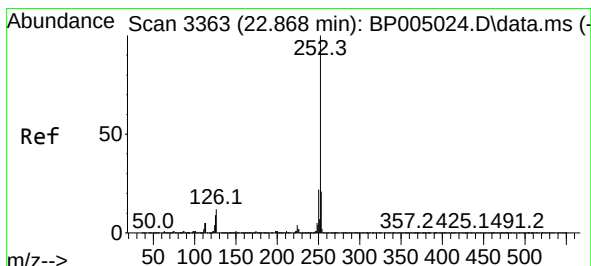
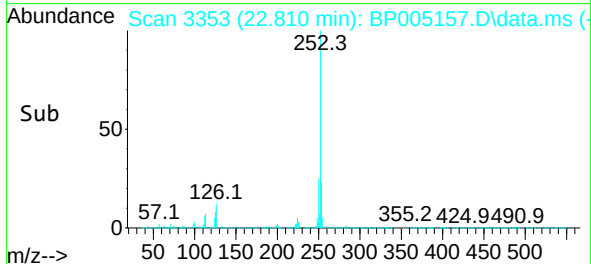
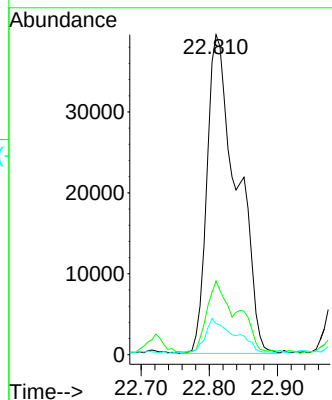
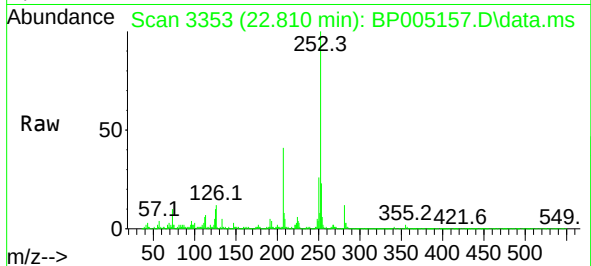




#88
Benzo(b)fluoranthene
Concen: 11.22 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.006 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

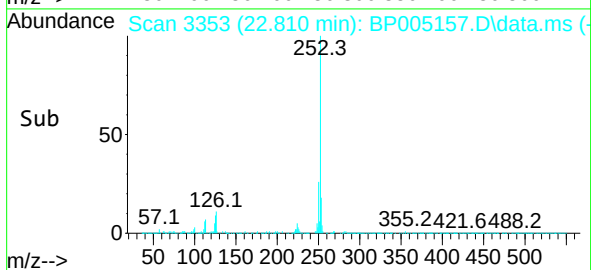
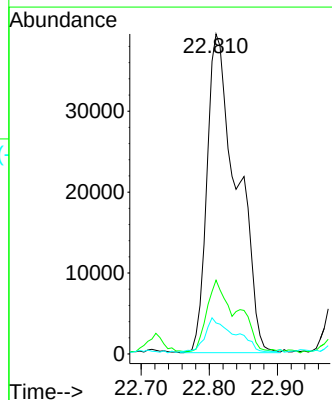
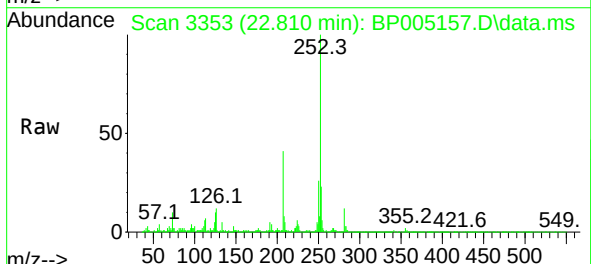
Instrument :
BNA_P
ClientSampleId :
B6-0-2

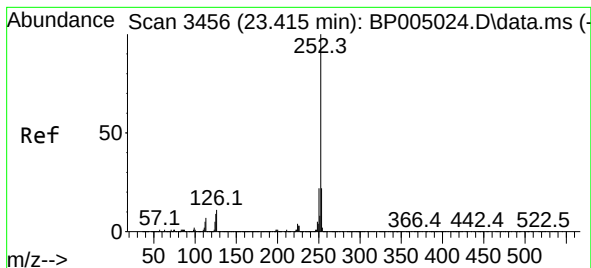
Tgt Ion:252 Resp: 120012
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 9.7 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 11.71 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.053 min
Lab File: BP005157.D
Acq: 02 Apr 2021 13:56

Tgt Ion:252 Resp: 120012
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 9.7 7.4 11.2





#90

Benzo(a)pyrene

Concen: 7.05 ng

RT: 23.398 min Scan# 3453

Delta R.T. -0.012 min

Lab File: BP005157.D

Acq: 02 Apr 2021 13:56

Instrument :

BNA_P

ClientSampleId :

B6-0-2

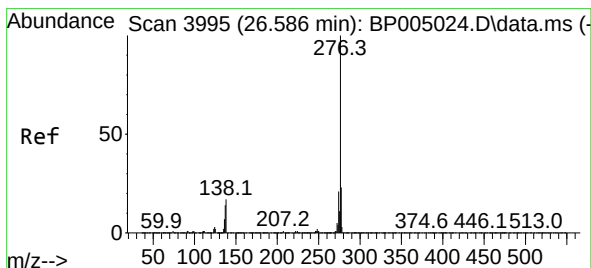
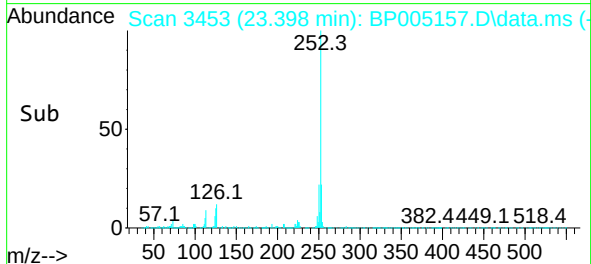
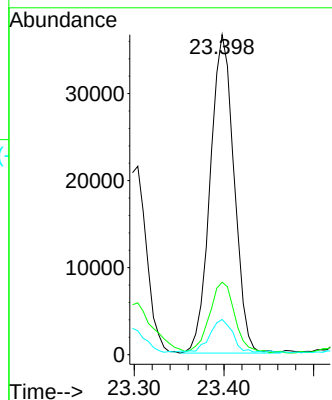
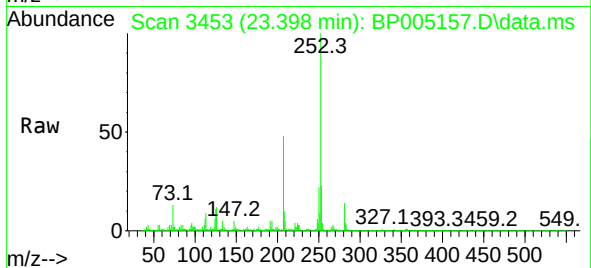
Tgt Ion:252 Resp: 67628

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 11.0 8.2 12.4



#92

Benzo(g,h,i)perylene

Concen: 4.03 ng

RT: 26.551 min Scan# 3989

Delta R.T. -0.030 min

Lab File: BP005157.D

Acq: 02 Apr 2021 13:56

Tgt Ion:276 Resp: 38003

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 19.1 16.6 24.8

