

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004827.D
 Acq On : 19 Feb 2021 17:56
 Operator : CG/JU
 Sample : M1440-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-227-233-B

Quant Time: Feb 19 23:52:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

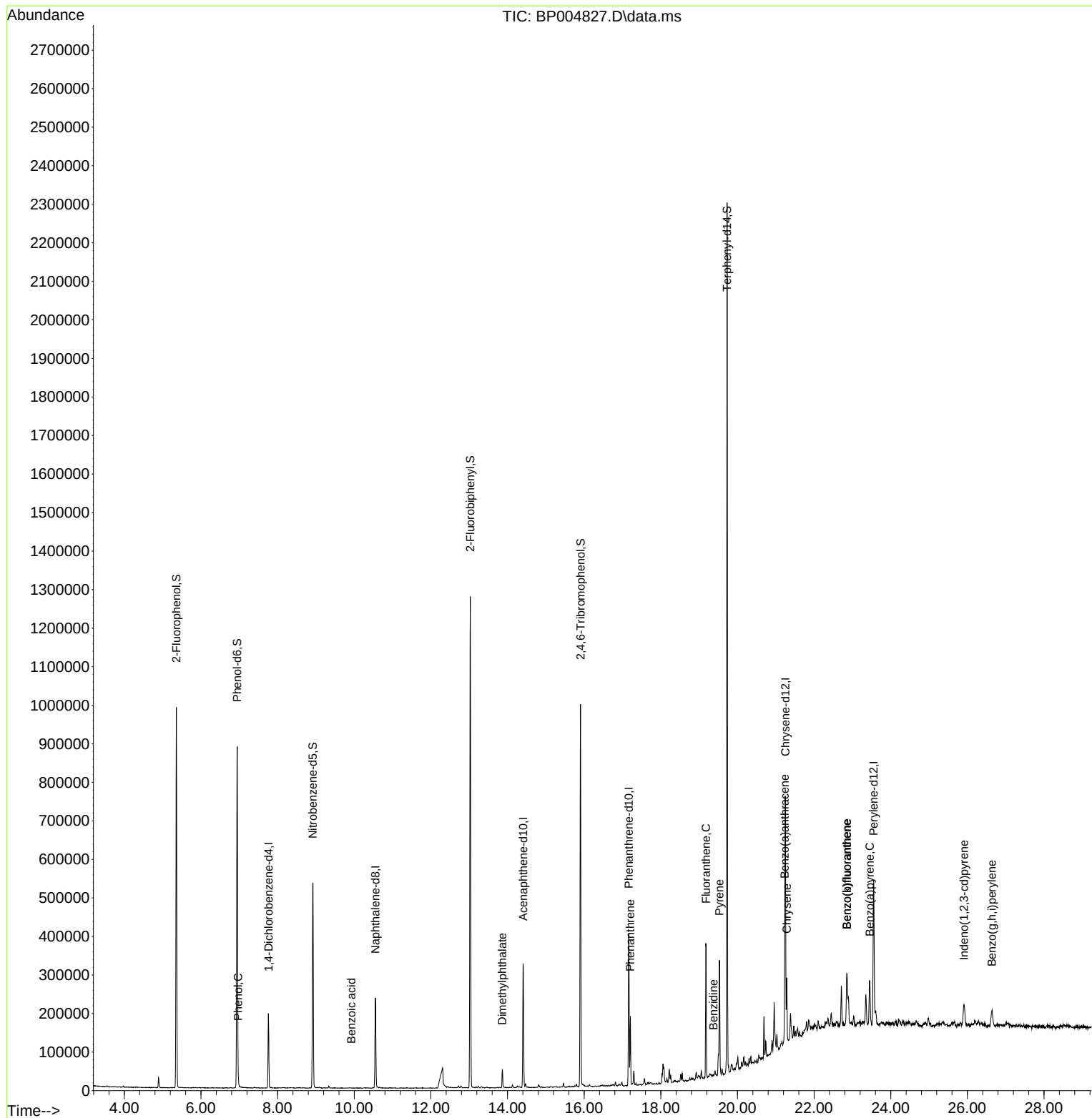
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	49124	20.00	ng	0.00
21) Naphthalene-d8	10.551	136	182385	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	109030	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	229099	20.00	ng	0.00
76) Chrysene-d12	21.251	240	263234	20.00	ng	# 0.00
86) Perylene-d12	23.551	264	270686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	387211	121.70	ng	0.00
7) Phenol-d6	6.946	99	485959	111.07	ng	0.00
23) Nitrobenzene-d5	8.916	82	298478	71.31	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	160989	111.14	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	629011	70.51	ng	0.00
79) Terphenyl-d14	19.727	244	899525	57.40	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.969	94	17780	4.20	ng	75
32) Benzoic acid	9.922	122	55	6.87	ng	90
50) Dimethylphthalate	13.863	163	28960	3.02	ng	98
71) Phenanthrene	17.204	178	97855	6.98	ng	99
75) Fluoranthene	19.180	202	198705	11.89	ng	99
77) Benzidine	19.375	184	113	2.16	ng	# 10
78) Pyrene	19.527	202	175059	9.43	ng	99
81) Benzo(a)anthracene	21.233	228	103436	5.54	ng	99
83) Chrysene	21.286	228	89620	4.96	ng	97
87) Indeno(1,2,3-cd)pyrene	25.909	276	58272	2.70	ng	# 93
88) Benzo(b)fluoranthene	22.857	252	123928	6.25	ng	99
89) Benzo(k)fluoranthene	22.857	252	123928	6.51	ng	99
90) Benzo(a)pyrene	23.451	252	85659	4.78	ng	93
92) Benzo(g,h,i)perylene	26.639	276	55388	3.20	ng	# 90

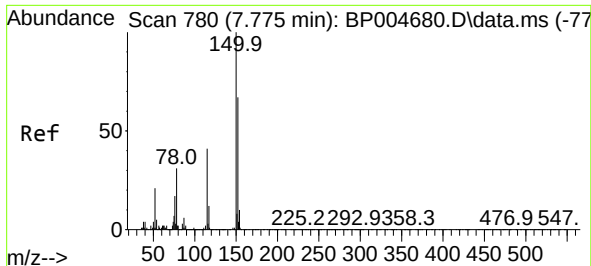
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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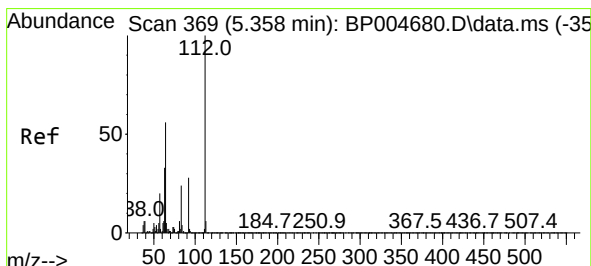
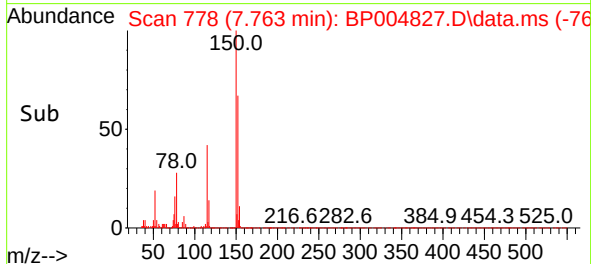
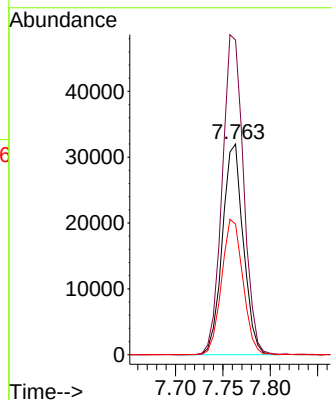
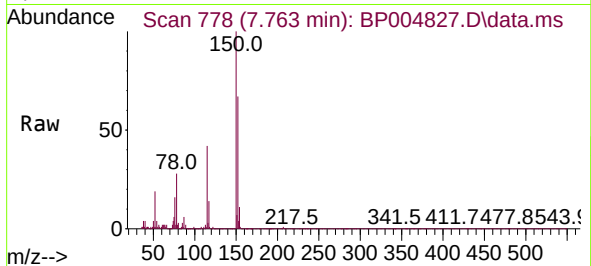




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

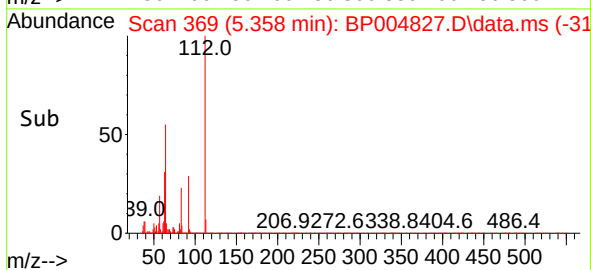
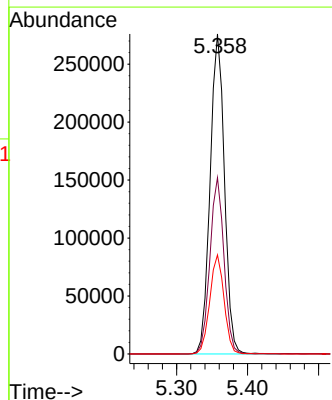
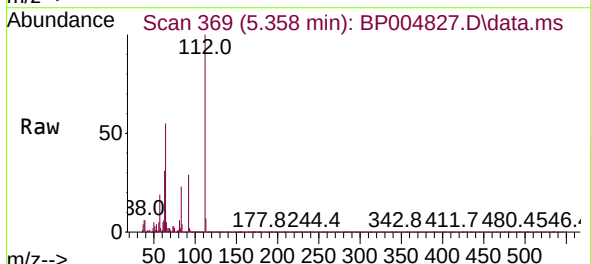
Instrument :
BNA_P
ClientSampleId :
SP-227-233-B

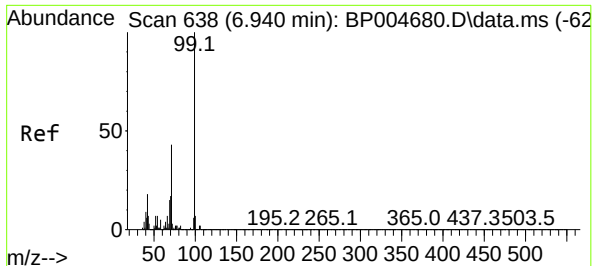
Tgt Ion:152 Resp: 49124
Ion Ratio Lower Upper
152 100
150 149.2 123.8 185.6
115 62.0 43.8 65.6



#5
2-Fluorophenol
Concen: 121.70 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:112 Resp: 387211
Ion Ratio Lower Upper
112 100
64 55.1 32.8 49.2#
63 31.0 17.0 25.4#

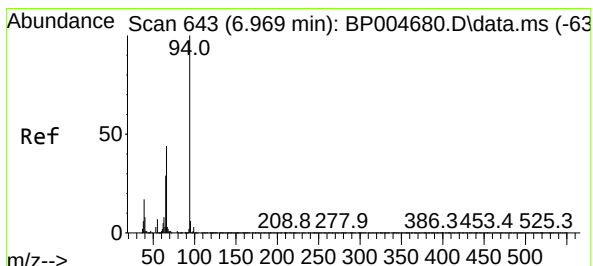
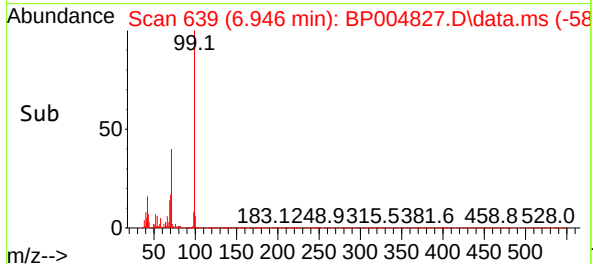
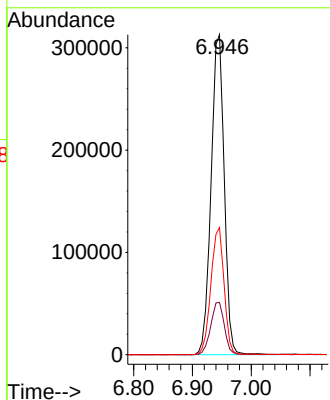
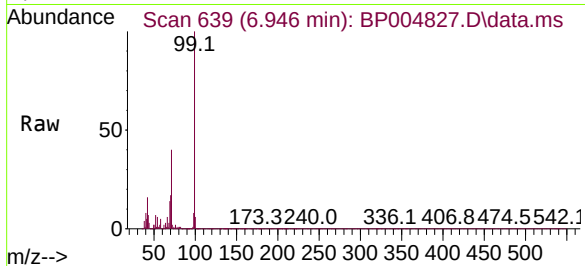




#7
Phenol-d6
Concen: 111.07 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

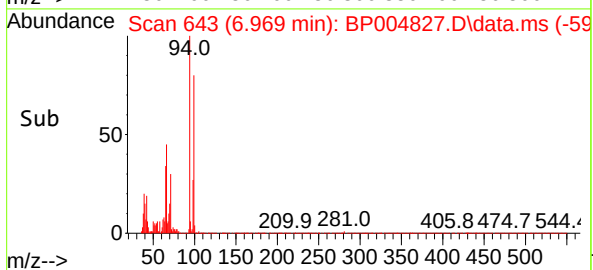
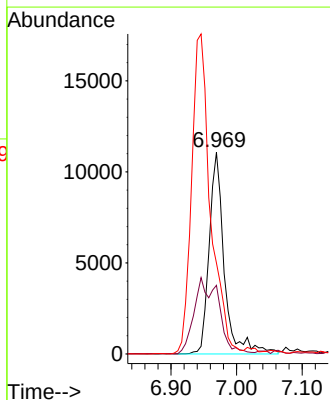
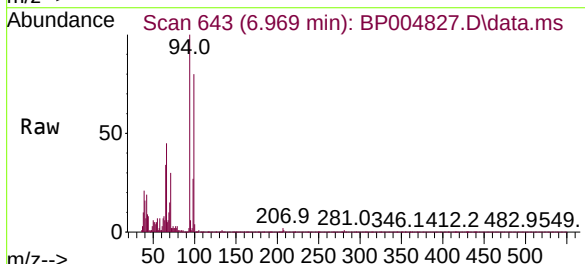
Instrument :
BNA_P
ClientSampleId :
SP-227-233-B

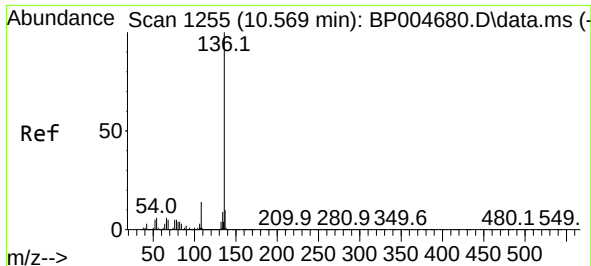
Tgt Ion: 99 Resp: 485959
Ion Ratio Lower Upper
99 100
42 16.4 8.6 13.0#
71 39.8 23.4 35.2#



#10
Phenol
Concen: 4.20 ng
RT: 6.969 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion: 94 Resp: 17780
Ion Ratio Lower Upper
94 100
65 34.0 2.3 42.3
66 45.1 10.9 50.9

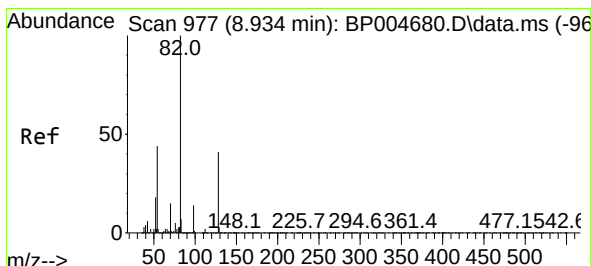
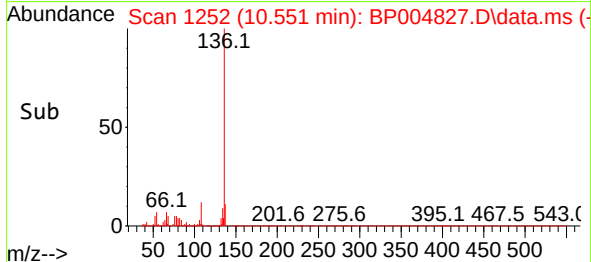
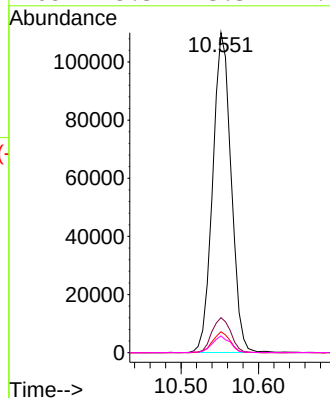
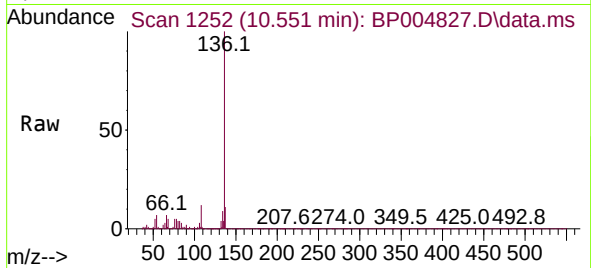




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.551 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

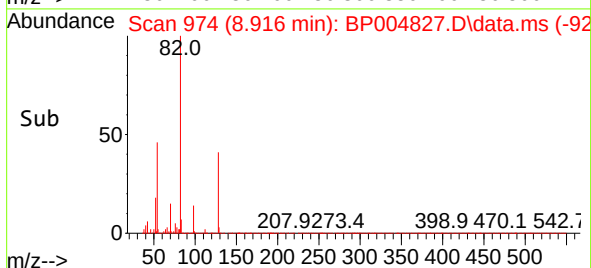
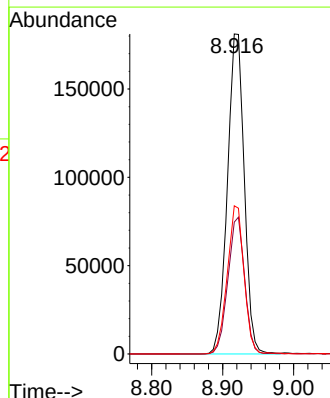
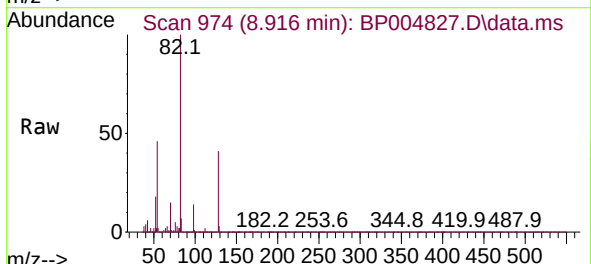
Instrument :
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SP-227-233-B

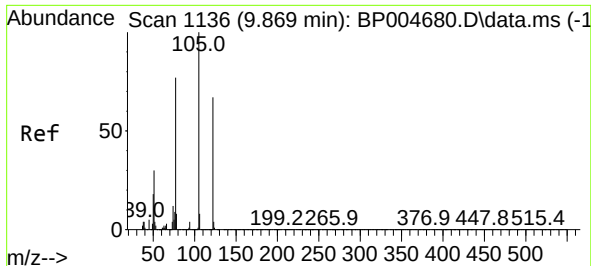
Tgt Ion:	136	Resp:	182385
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	6.6	3.6	5.4#
68	5.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 71.31 ng
RT: 8.916 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:	82	Resp:	298478
Ion Ratio	Lower	Upper	
82	100		
128	41.2	45.6	68.4#
54	46.3	30.1	45.1#

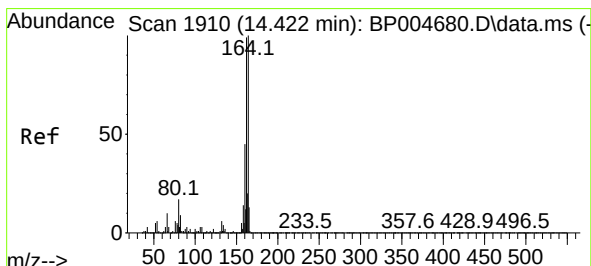
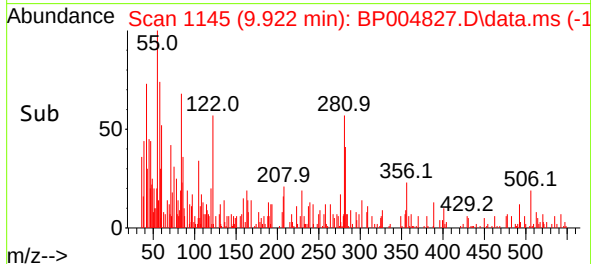
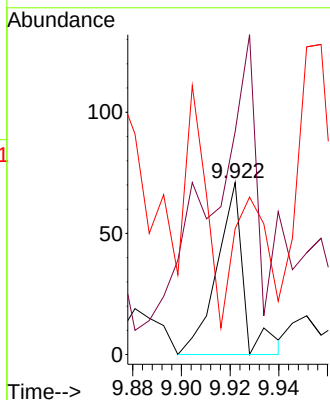
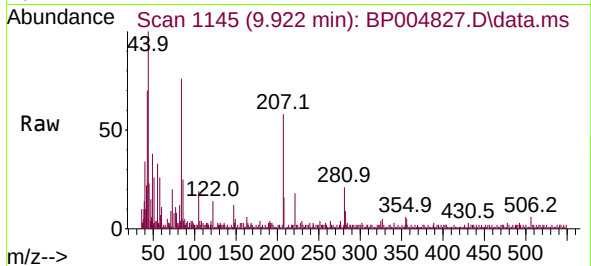




#32
Benzoic acid
Concen: 6.87 ng
RT: 9.922 min Scan# 1145
Delta R.T. 0.053 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

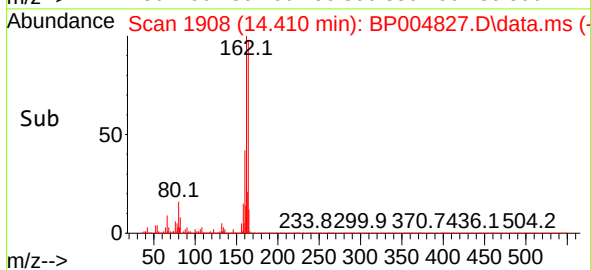
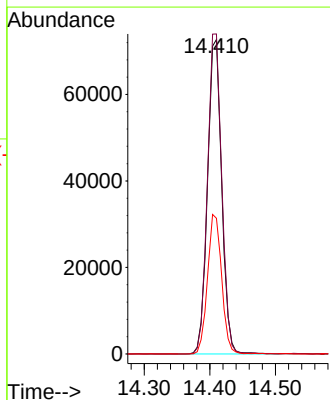
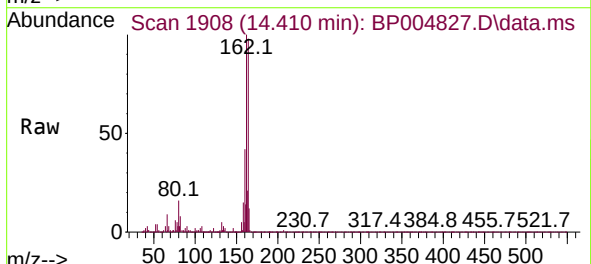
Instrument :
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ClientSampleId :
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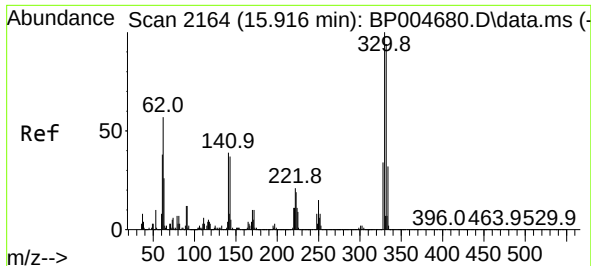
Tgt Ion:	122	Resp:	55
Ion	Ratio	Lower	Upper
122	100		
105	129.6	94.1	134.1
77	73.2	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:	164	Resp:	109030
Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.4	119.2
160	43.1	36.1	54.1

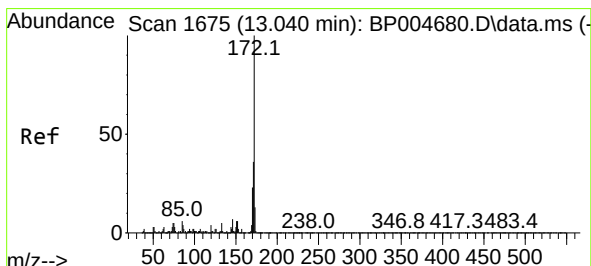
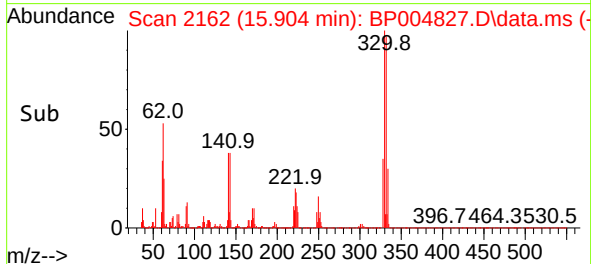
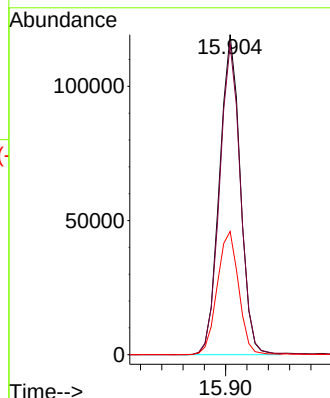
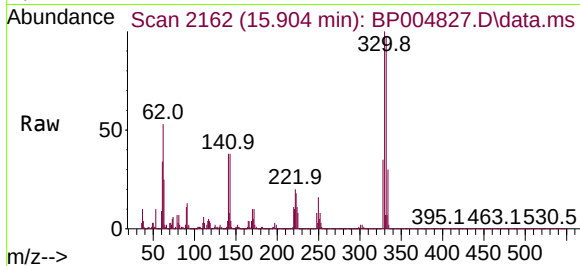




#42
2,4,6-Tribromophenol
Concen: 111.14 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

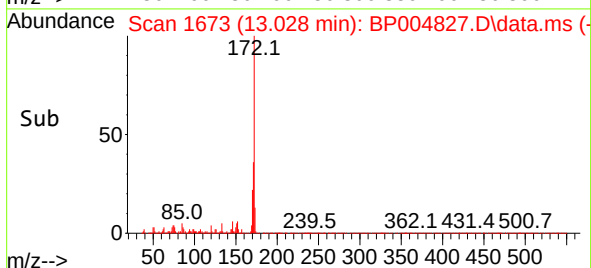
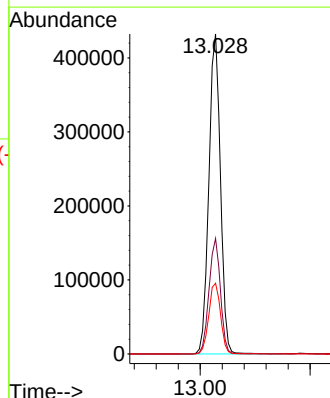
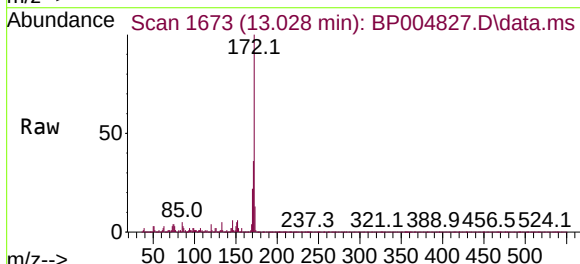
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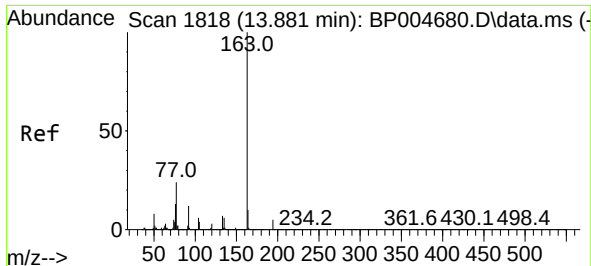
Tgt Ion:330 Resp: 160989
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 39.8 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 70.51 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:172 Resp: 629011
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 22.1 19.2 28.8

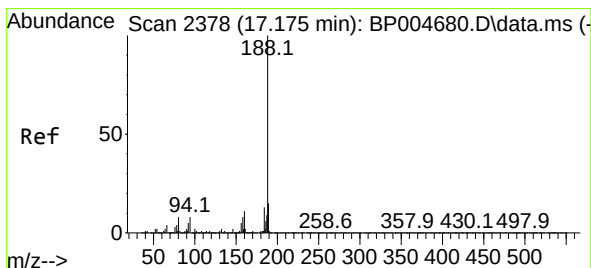
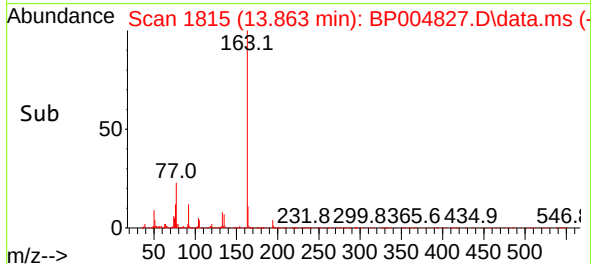
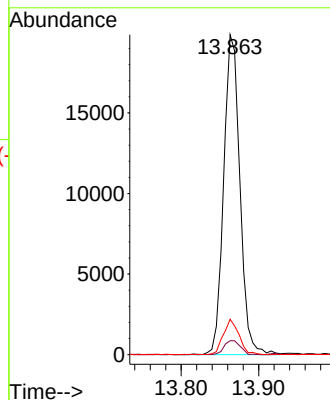
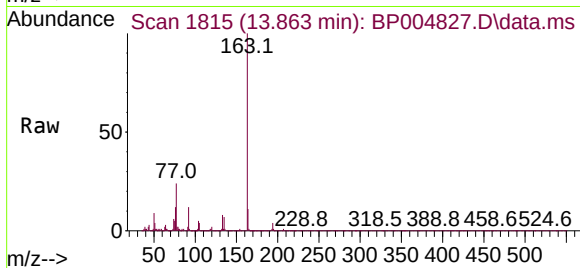




#50
Dimethylphthalate
Concen: 3.02 ng
RT: 13.863 min Scan# 1815
Delta R.T. -0.011 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

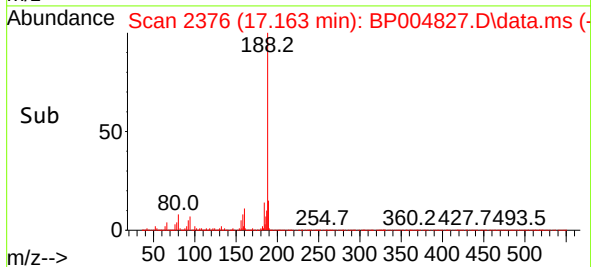
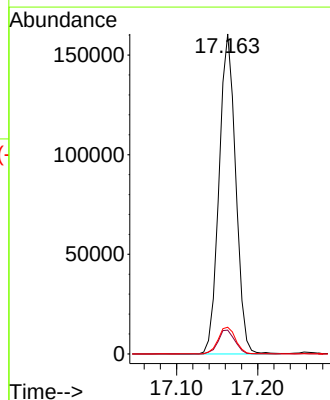
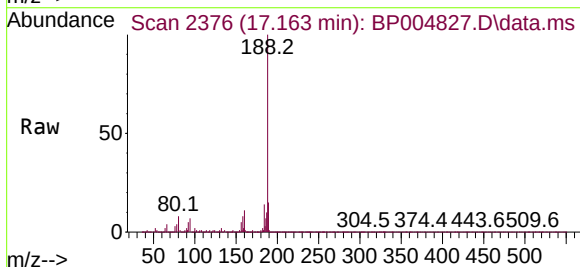
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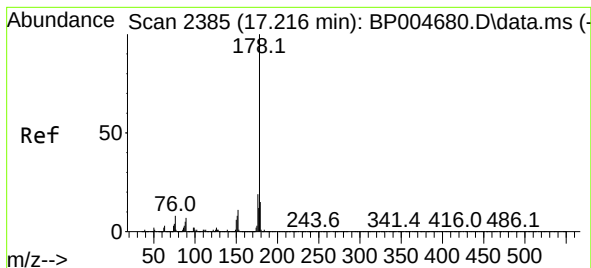
Tgt Ion:163 Resp: 28960
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 11.0 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:188 Resp: 229099
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 8.4 6.2 9.2

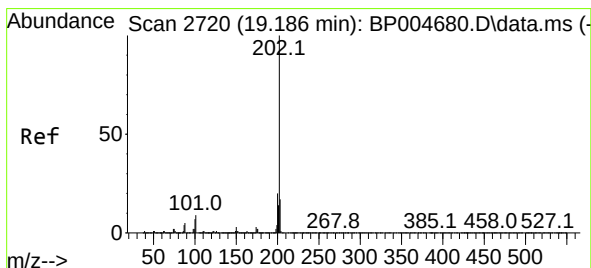
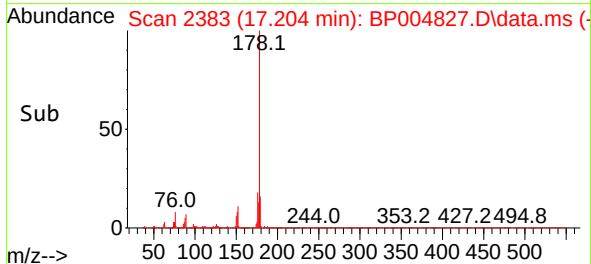
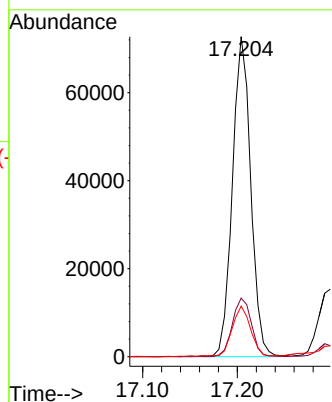
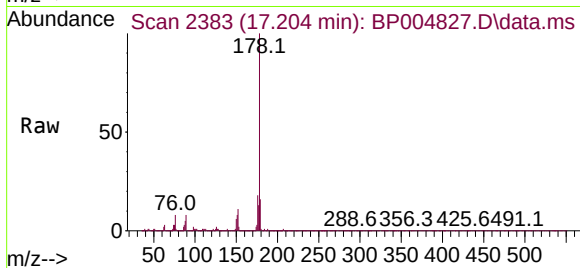




#71
Phenanthrene
Concen: 6.98 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

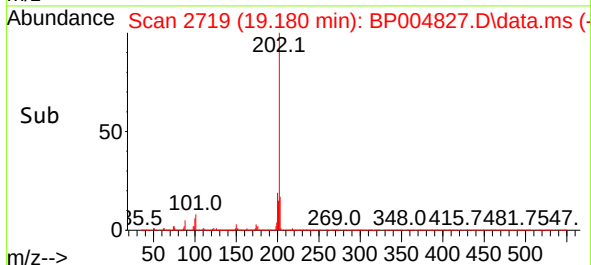
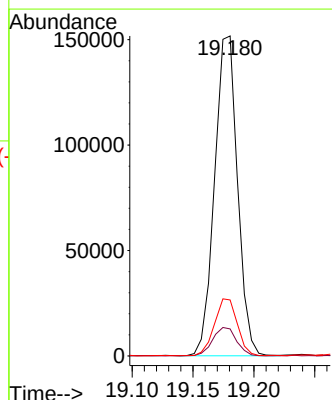
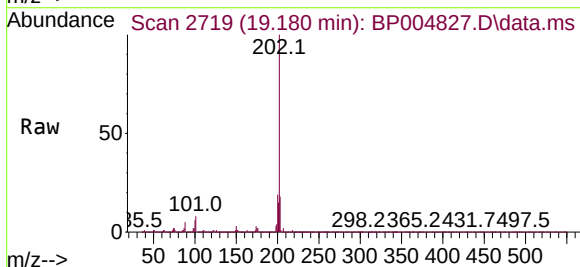
Instrument :
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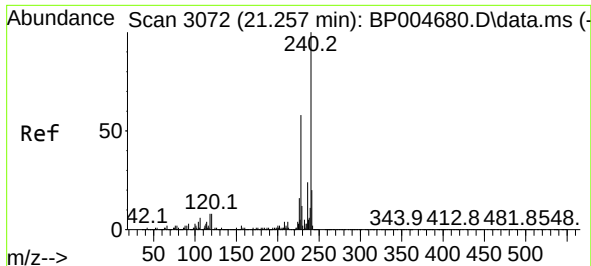
Tgt Ion:178	Resp:	97855
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.3 22.9
179	15.8	12.5 18.7



#75
Fluoranthene
Concen: 11.89 ng
RT: 19.180 min Scan# 2719
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:202	Resp:	198705
Ion Ratio	Lower	Upper
202	100	
101	8.4	0.0 29.4
203	17.5	0.0 37.8

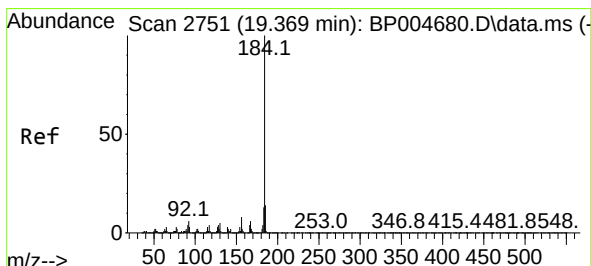
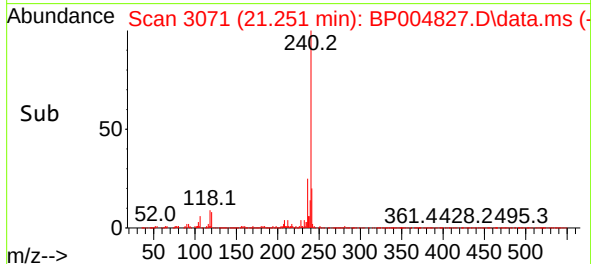
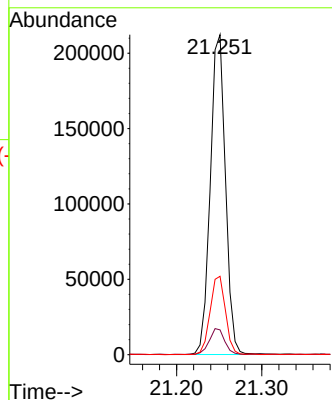
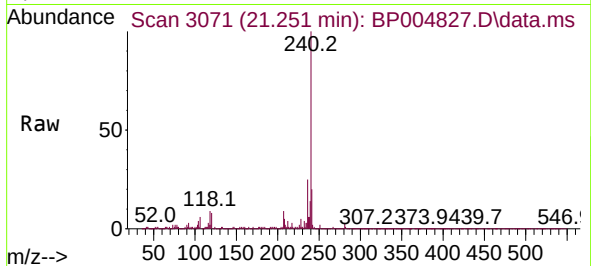




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

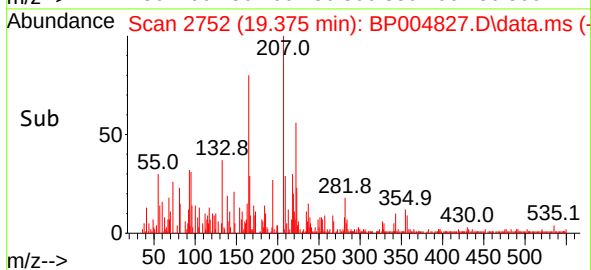
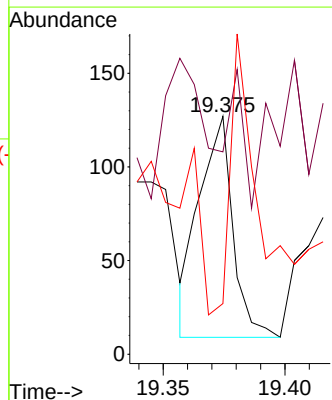
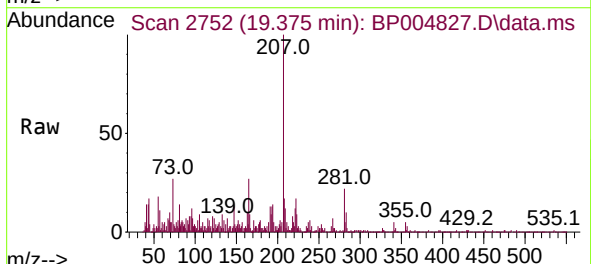
Instrument :
BNA_P
ClientSampled :
SP-227-233-B

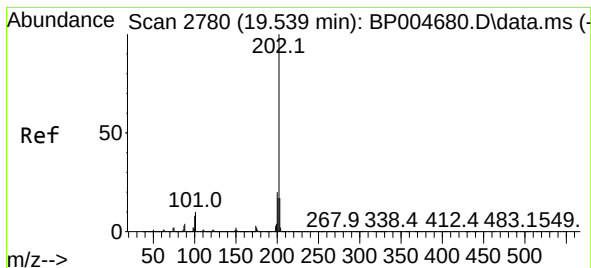
Tgt Ion:240 Resp: 263234
Ion Ratio Lower Upper
240 100
120 7.8 7.8 11.6#
236 24.5 20.8 31.2



#77
Benzidine
Concen: 2.16 ng
RT: 19.375 min Scan# 2752
Delta R.T. 0.012 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:184 Resp: 113
Ion Ratio Lower Upper
184 100
185 76.1 11.5 17.3#
183 19.0 9.6 14.4#





#78

Pyrene

Concen: 9.43 ng

RT: 19.527 min Scan# 2778

Delta R.T. -0.006 min

Lab File: BP004827.D

Acq: 19 Feb 2021 17:56

Tgt Ion:202 Resp: 175059

Ion Ratio Lower Upper

202 100

200 20.8 17.1 25.7

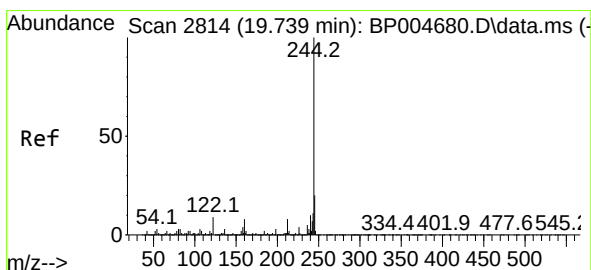
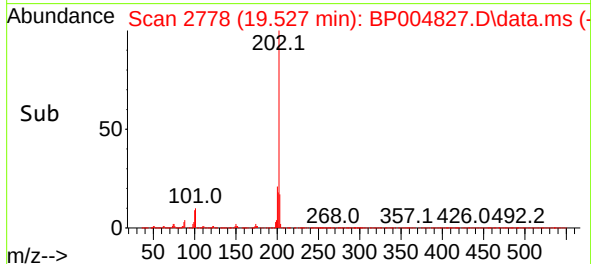
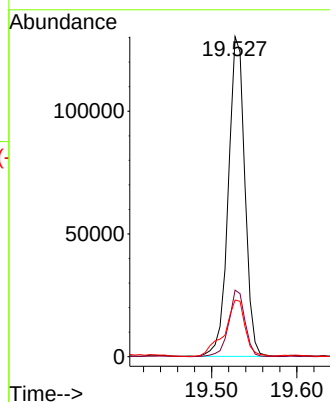
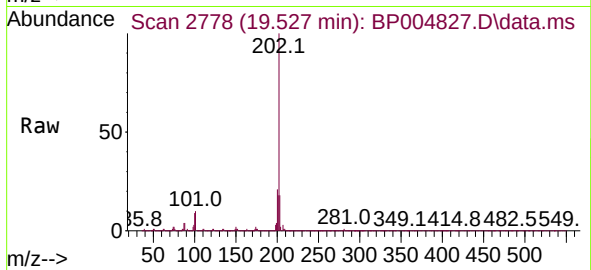
203 17.7 14.2 21.2

Instrument :

BNA_P

ClientSampleId :

SP-227-233-B



#79

Terphenyl-d14

Concen: 57.40 ng

RT: 19.727 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BP004827.D

Acq: 19 Feb 2021 17:56

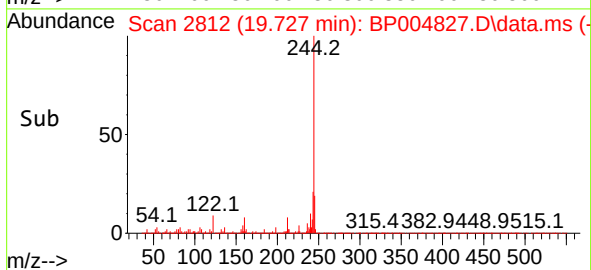
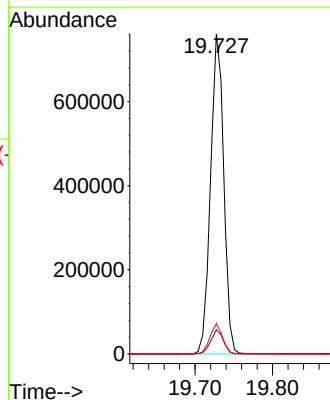
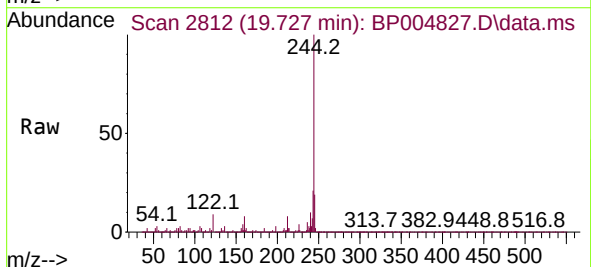
Tgt Ion:244 Resp: 899525

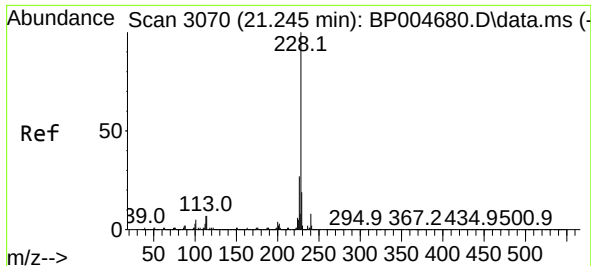
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.5 7.8 11.8

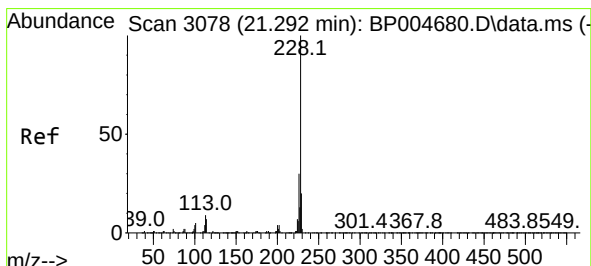
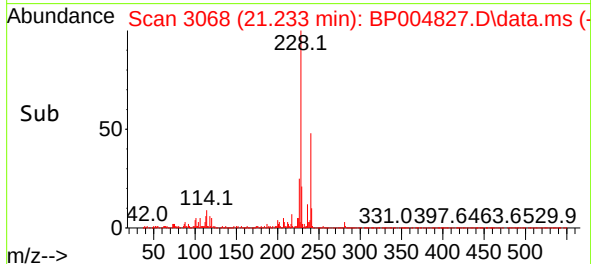
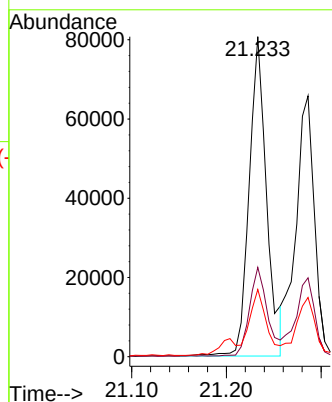
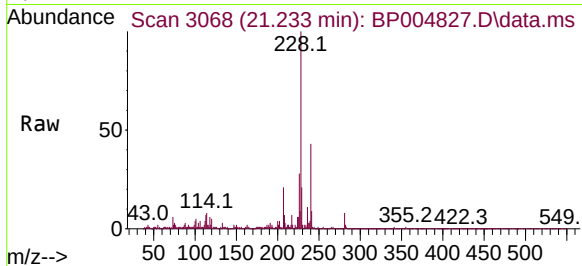




#81
Benzo(a)anthracene
Concen: 5.54 ng
RT: 21.233 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

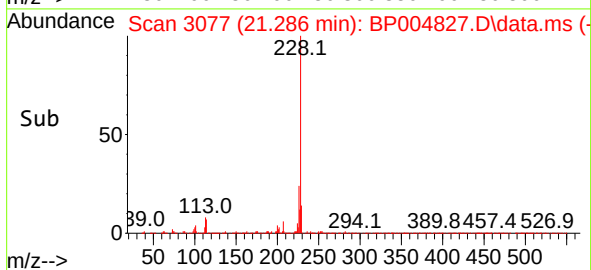
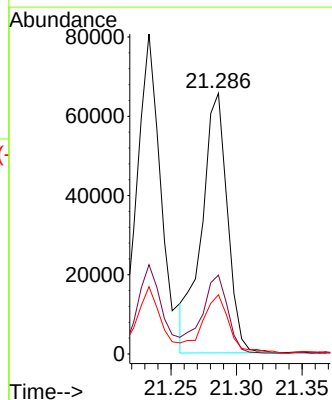
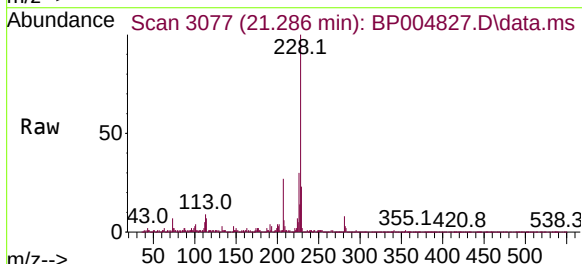
Instrument :
BNA_P
ClientSampleId :
SP-227-233-B

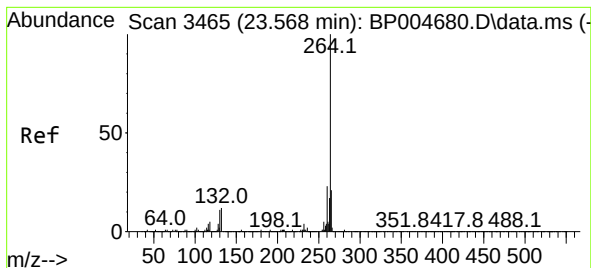
Tgt Ion:228 Resp: 103436
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 21.0 15.9 23.9



#83
Chrysene
Concen: 4.96 ng
RT: 21.286 min Scan# 3077
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:228 Resp: 89620
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 22.7 15.8 23.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.551 min Scan# 3462

Delta R.T. -0.006 min

Lab File: BP004827.D

Acq: 19 Feb 2021 17:56

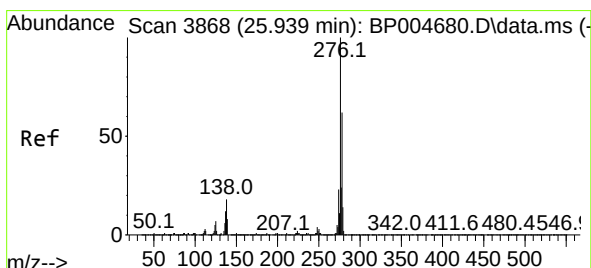
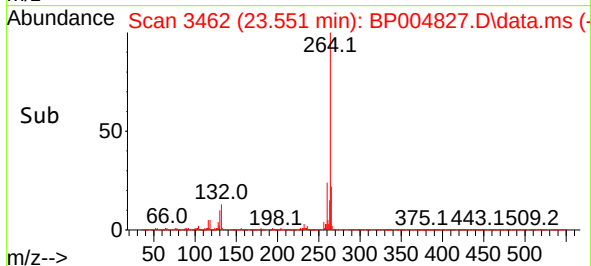
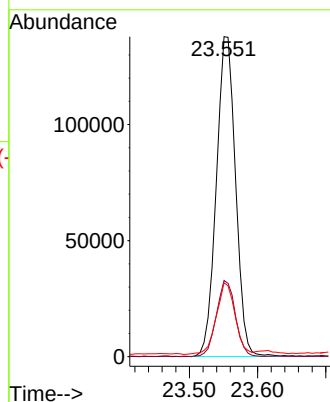
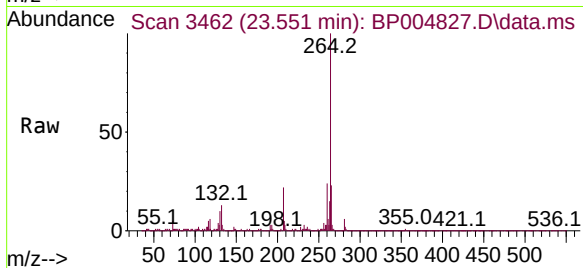
Instrument :

BNA_P

ClientSampleId :

SP-227-233-B

Tgt Ion:	264	Resp:	270686
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.8	28.2
265	23.1	17.4	26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.70 ng

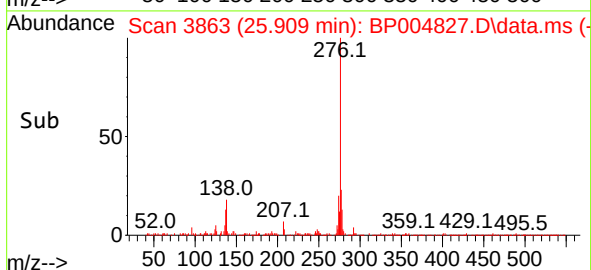
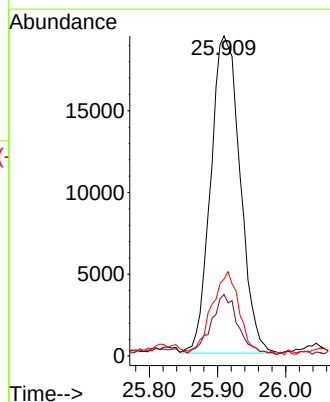
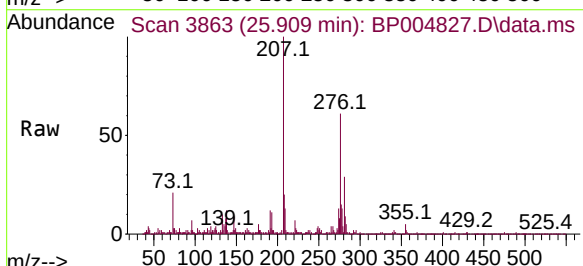
RT: 25.909 min Scan# 3863

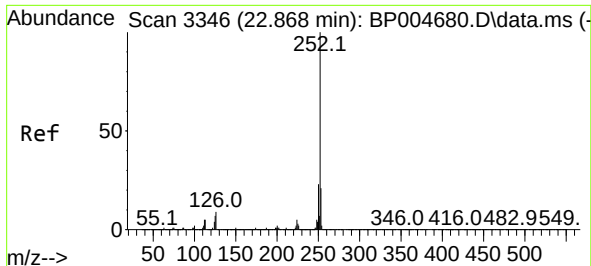
Delta R.T. -0.017 min

Lab File: BP004827.D

Acq: 19 Feb 2021 17:56

Tgt Ion:	276	Resp:	58272
Ion Ratio	Lower	Upper	
276	100		
138	17.4	18.7	28.1#
277	24.8	20.4	30.6

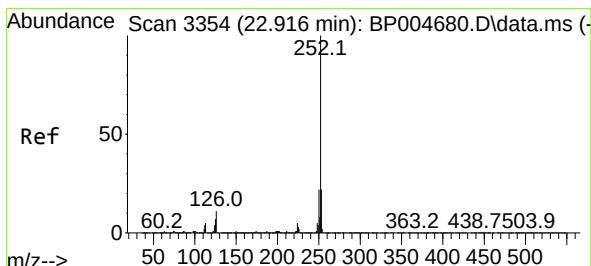
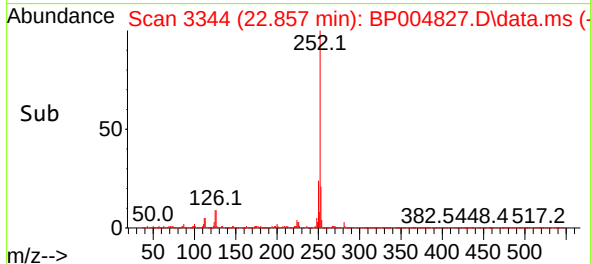
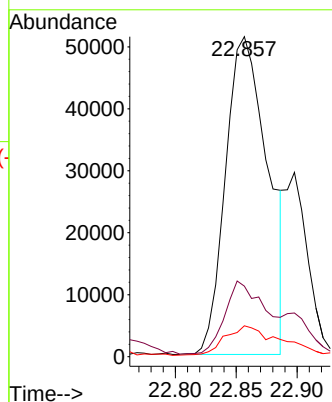
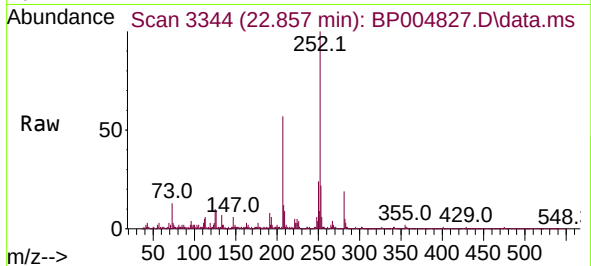




#88
Benzo(b)fluoranthene
Concen: 6.25 ng
RT: 22.857 min Scan# 3344
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

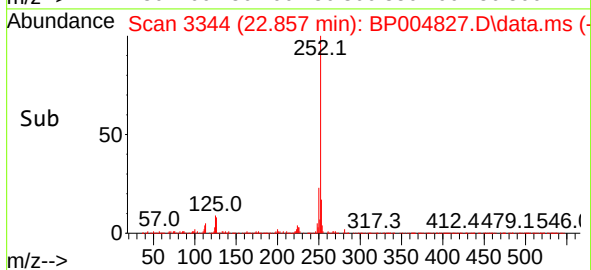
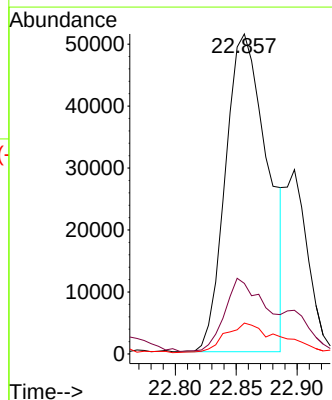
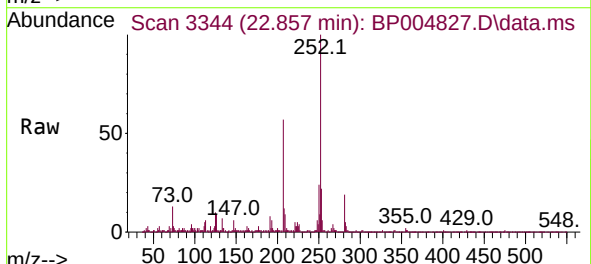
Instrument :
BNA_P
ClientSampleId :
SP-227-233-B

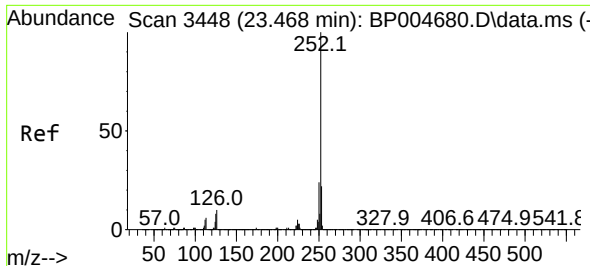
Tgt Ion:252 Resp: 123928
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.6 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 6.51 ng
RT: 22.857 min Scan# 3344
Delta R.T. -0.047 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:252 Resp: 123928
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.6 7.4 11.2

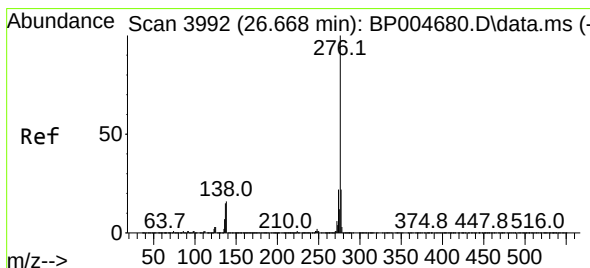
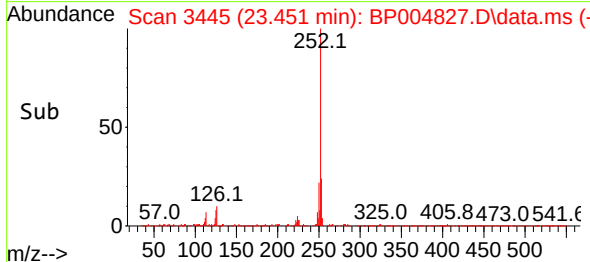
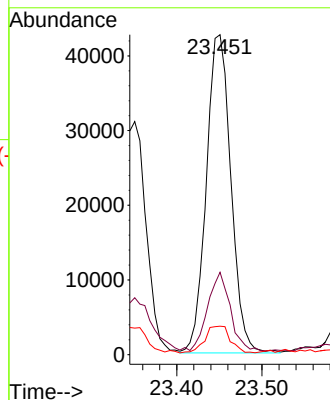
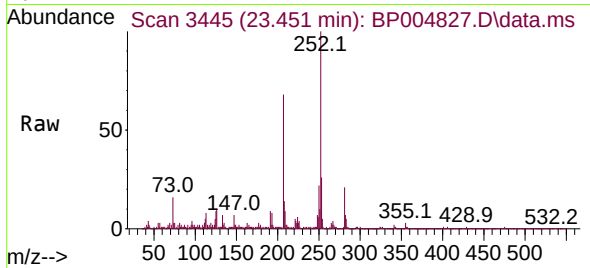




#90
Benzo(a)pyrene
Concen: 4.78 ng
RT: 23.451 min Scan# 3445
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Instrument :
BNA_P
ClientSampleId :
SP-227-233-B

Tgt Ion:252 Resp: 85659
Ion Ratio Lower Upper
252 100
253 25.8 17.4 26.0
125 8.9 8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 3.20 ng
RT: 26.639 min Scan# 3987
Delta R.T. -0.011 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:276 Resp: 55388
Ion Ratio Lower Upper
276 100
277 25.5 19.0 28.6
138 12.8 16.6 24.8#

