

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
 Data File : BP005227.D
 Acq On : 07 Apr 2021 18:51
 Operator : CG/JU
 Sample : M1933-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 08 00:28:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

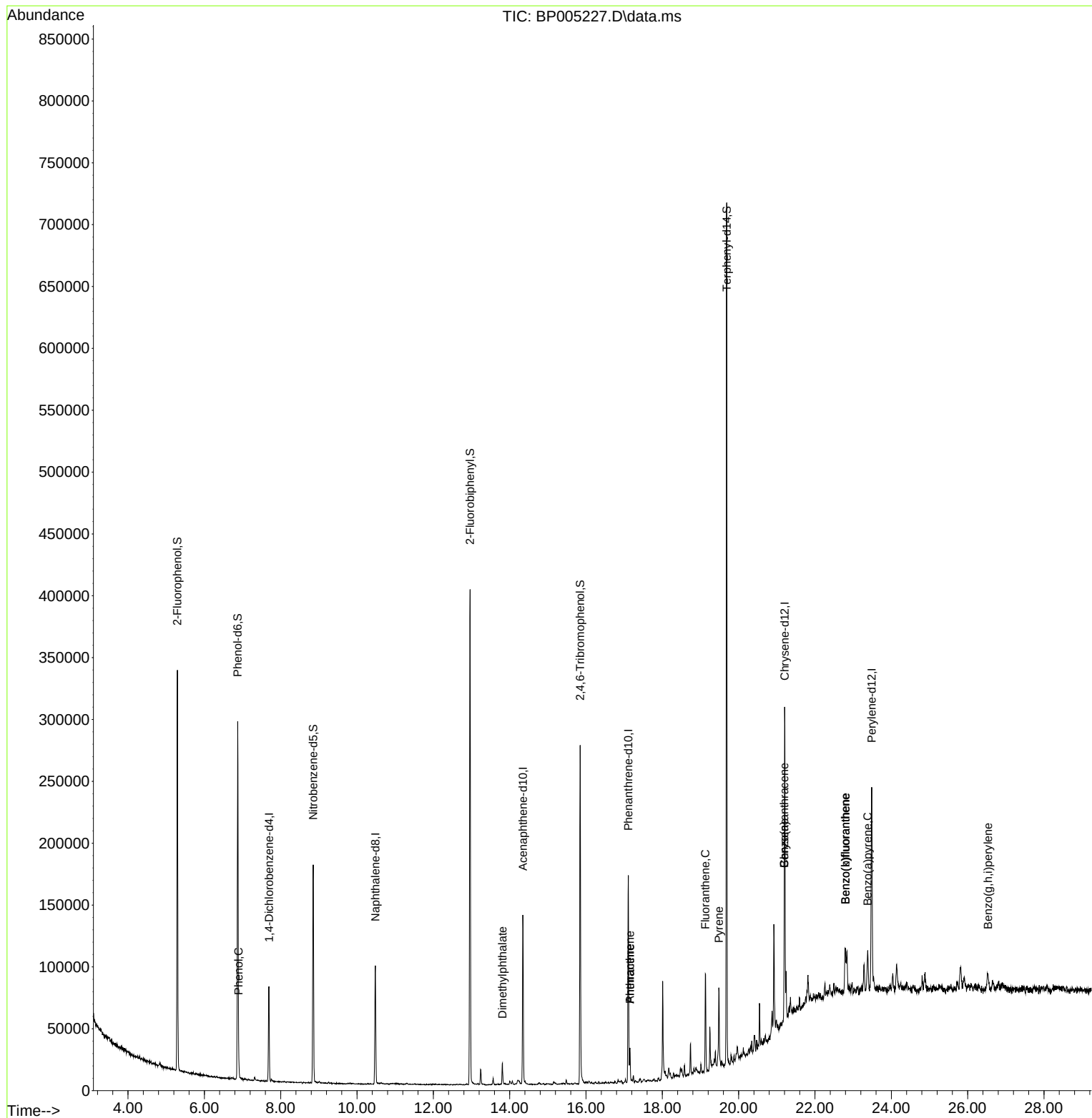
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	20295	20.00	ng	# 0.00
21) Naphthalene-d8	10.481	136	74937	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	45675	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	97775	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	111819	20.00	ng	0.00
86) Perylene-d12	23.486	264	115571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	131778	99.92	ng	0.00
7) Phenol-d6	6.875	99	164970	87.33	ng	0.00
23) Nitrobenzene-d5	8.852	82	110157	63.07	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	50519	84.89	ng	-0.01
45) 2-Fluorobiphenyl	12.963	172	207201	61.37	ng	0.00
79) Terphenyl-d14	19.686	244	316105	51.46	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.899	94	4436	2.29	ng	82
50) Dimethylphthalate	13.810	163	11345	3.22	ng	# 93
71) Phenanthrene	17.151	178	16330	2.88	ng	96
72) Anthracene	17.151	178	16330	2.95	ng	96
75) Fluoranthene	19.127	202	35221	5.28	ng	96
78) Pyrene	19.480	202	36976	4.81	ng	97
81) Benzo(a)anthracene	21.192	228	17384	2.29	ng	97
83) Chrysene	21.192	228	17384	2.33	ng	95
88) Benzo(b)fluoranthene	22.798	252	27332	3.33	ng	# 97
89) Benzo(k)fluoranthene	22.798	252	27332	3.48	ng	# 98
90) Benzo(a)pyrene	23.380	252	20486	2.78	ng	# 96
92) Benzo(g,h,i)perylene	26.533	276	17080	2.36	ng	# 93

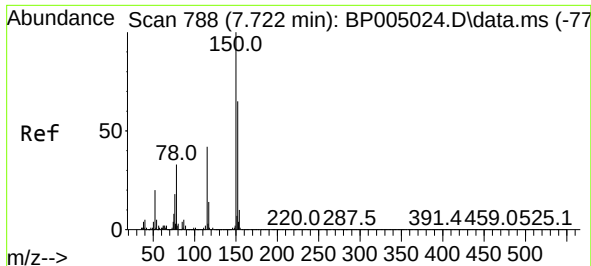
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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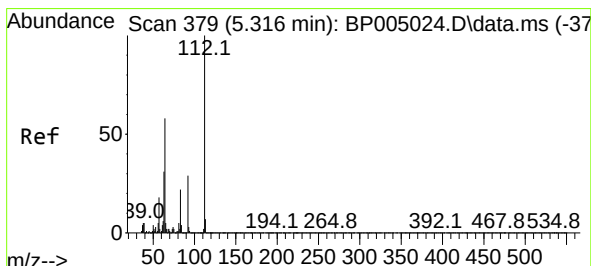
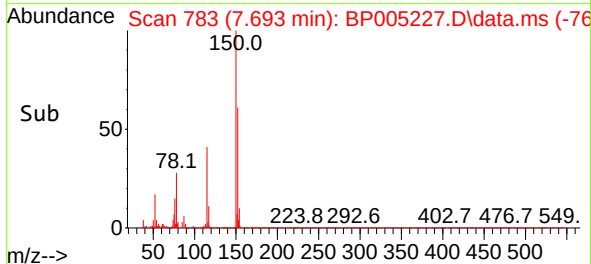
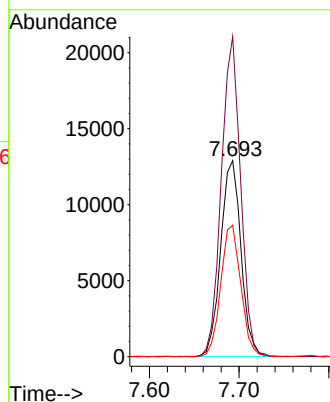
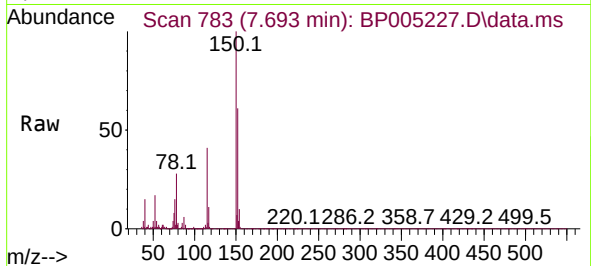




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

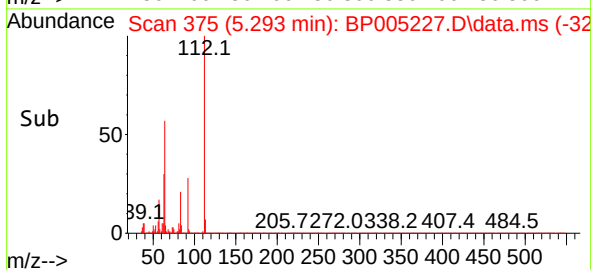
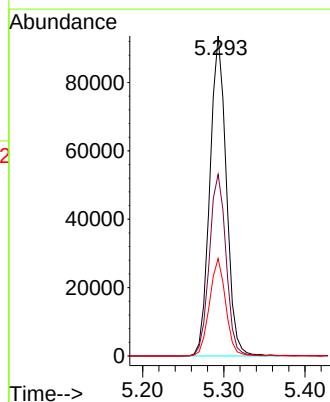
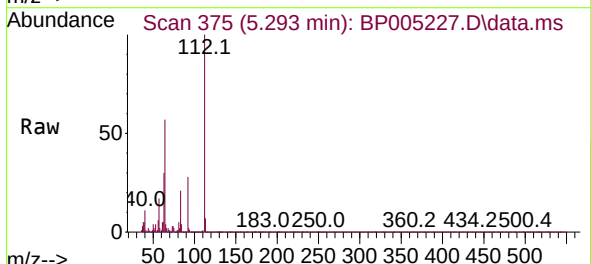
Instrument :
BNA_P
ClientSampleId :

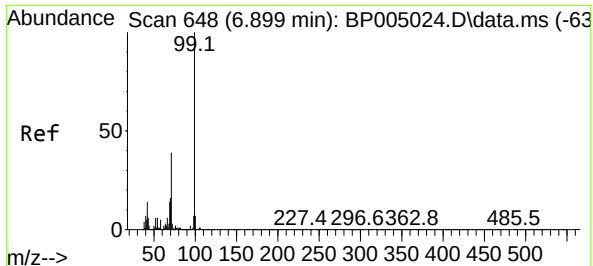
Tgt Ion:152 Resp: 20295
Ion Ratio Lower Upper
152 100
150 163.2 123.8 185.6
115 67.1 43.8 65.6#



#5
2-Fluorophenol
Concen: 99.92 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

Tgt Ion:112 Resp: 131778
Ion Ratio Lower Upper
112 100
64 56.7 32.8 49.2#
63 30.4 17.0 25.4#

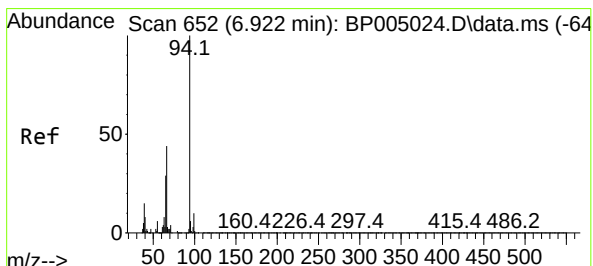
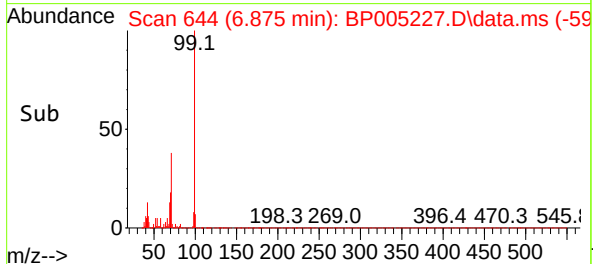
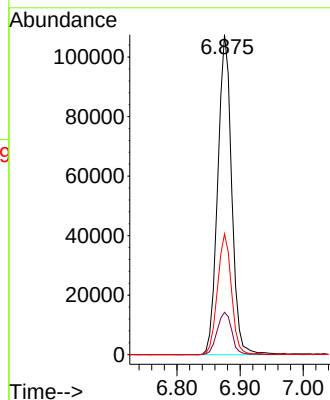
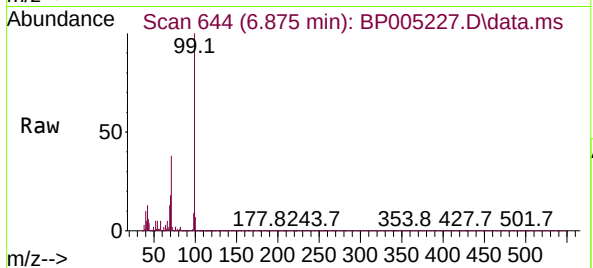




#7
Phenol-d6
Concen: 87.33 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

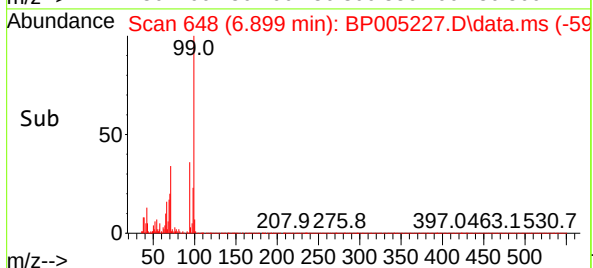
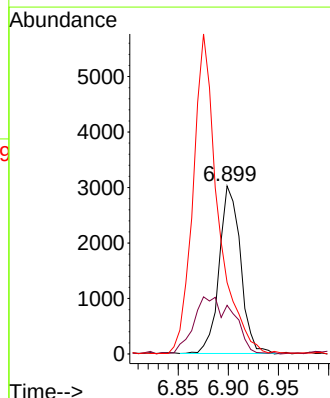
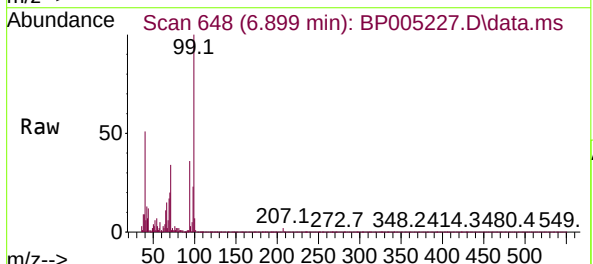
Instrument :
BNA_P
ClientSampleId :

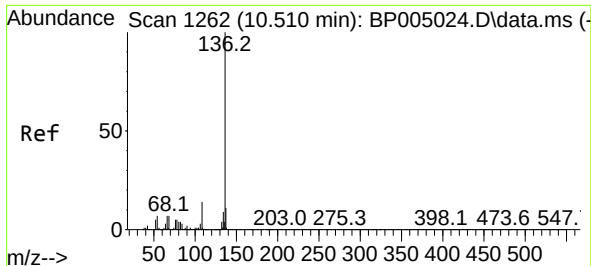
Tgt Ion: 99 Resp: 164970
Ion Ratio Lower Upper
99 100
42 13.2 8.6 13.0#
71 37.7 23.4 35.2#



#10
Phenol
Concen: 2.29 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

Tgt Ion: 94 Resp: 4436
Ion Ratio Lower Upper
94 100
65 29.0 2.3 42.3
66 42.6 10.9 50.9

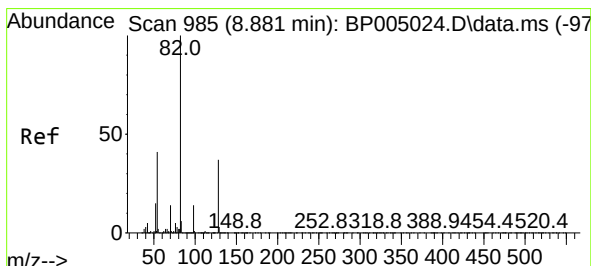
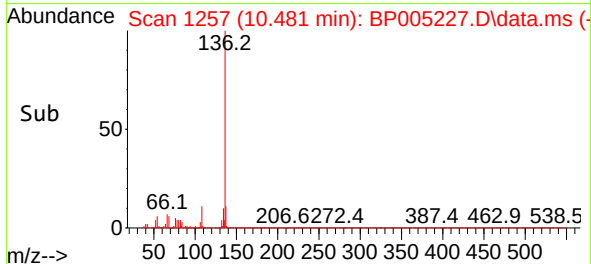
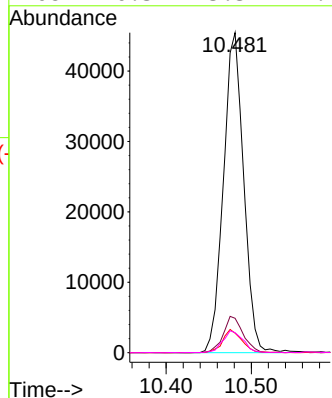
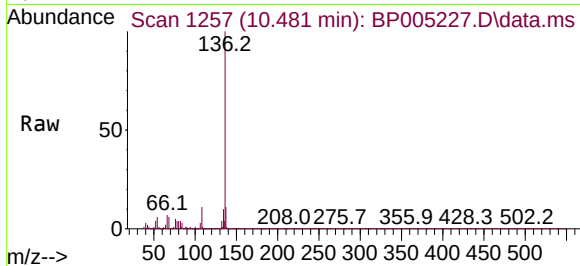




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

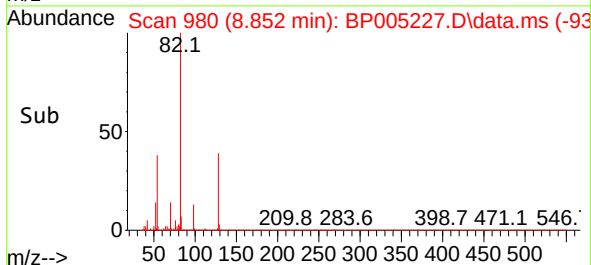
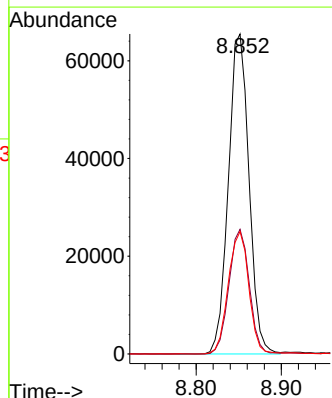
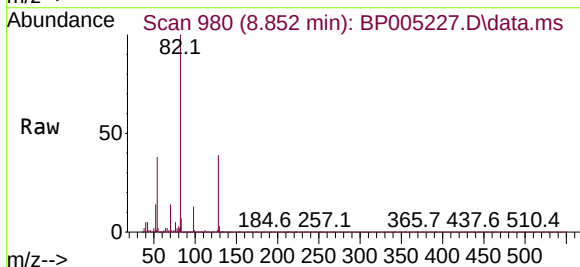
Instrument :
BNA_P
ClientSampled :

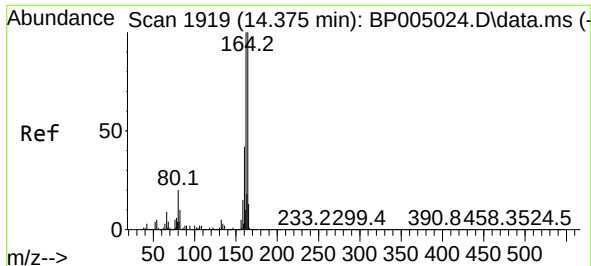
Tgt Ion:	136	Resp:	74937
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	6.1	3.6	5.4#
68	6.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 63.07 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

Tgt Ion:	82	Resp:	110157
Ion Ratio	Lower	Upper	
82	100		
128	39.0	45.6	68.4#
54	38.3	30.1	45.1

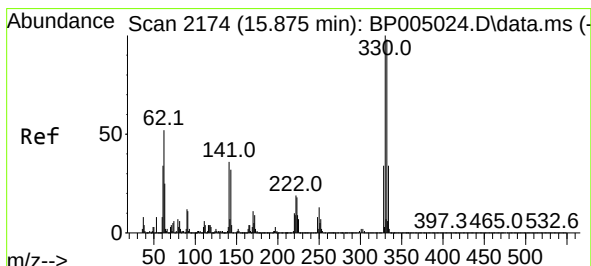
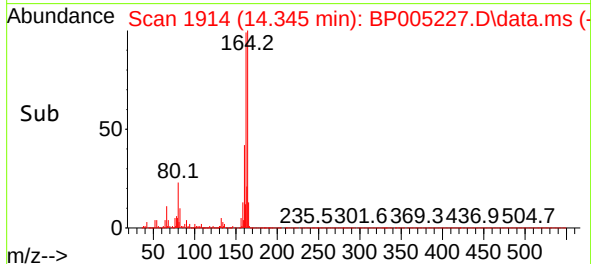
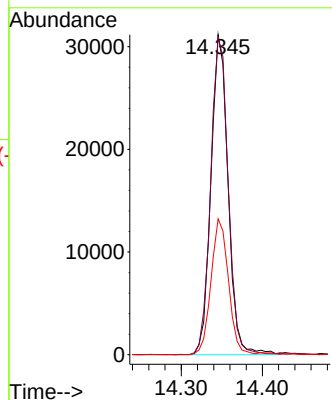
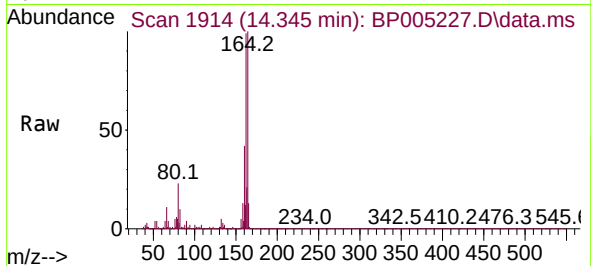




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

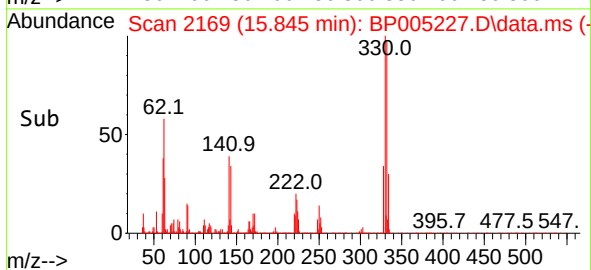
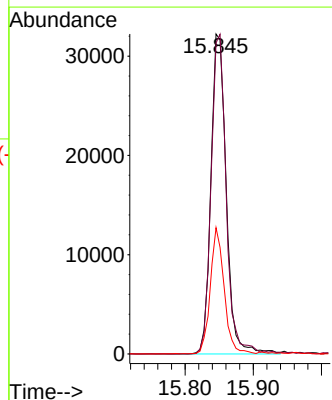
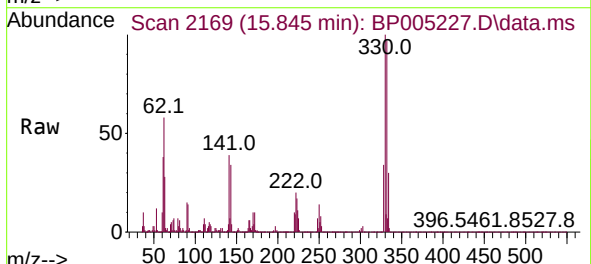
Instrument :
BNA_P
ClientSampleId :

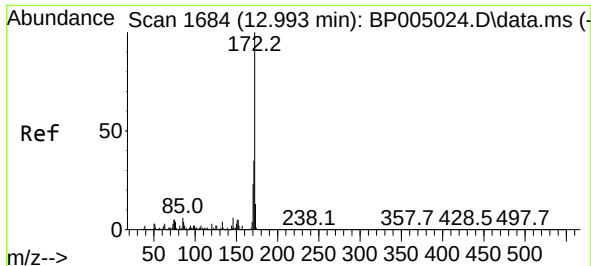
Tgt Ion:164 Resp: 45675
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.2
160 42.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 84.89 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

Tgt Ion:330 Resp: 50519
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 35.4 23.4 35.2#

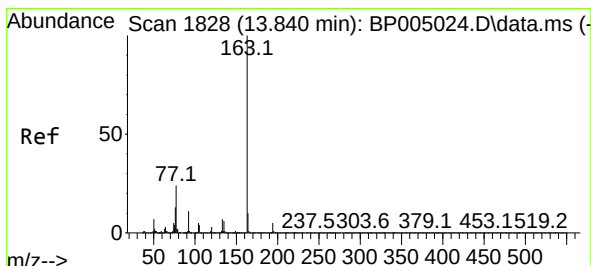
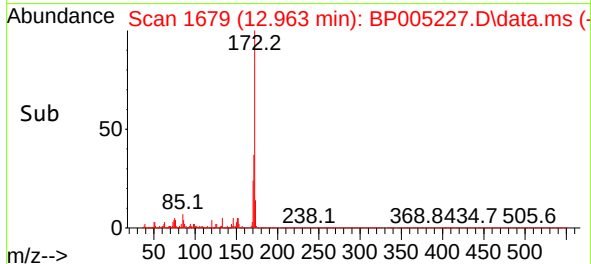
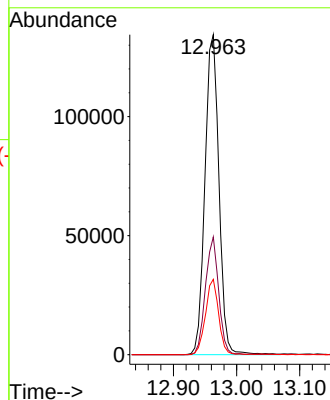
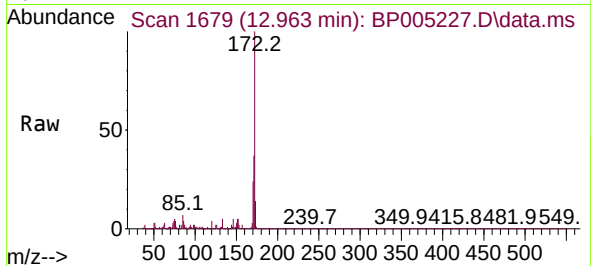




#45
2-Fluorobiphenyl
Concen: 61.37 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

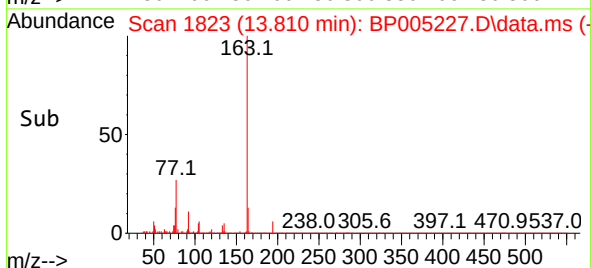
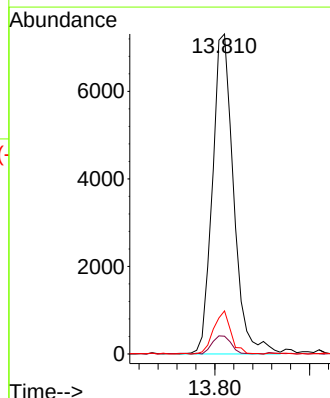
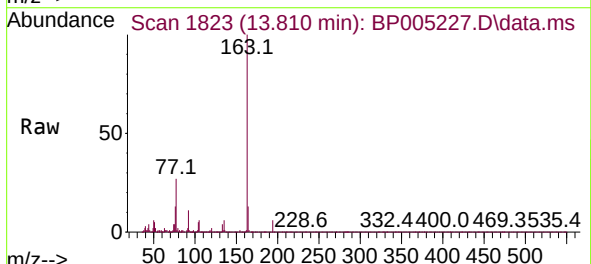
Instrument :
BNA_P
ClientSampleId :

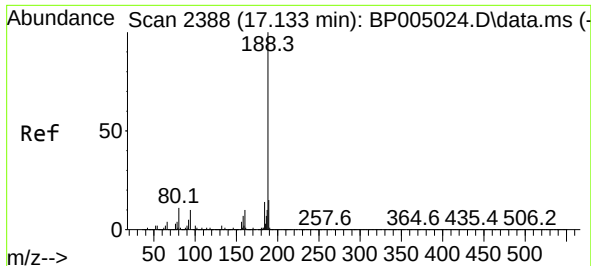
Tgt Ion:	172	Resp:	207201
Ion Ratio	Lower	Upper	
172	100		
171	36.8	28.5	42.7
170	23.5	19.2	28.8



#50
Dimethylphthalate
Concen: 3.22 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

Tgt Ion:	163	Resp:	11345
Ion Ratio	Lower	Upper	
163	100		
194	5.5	3.3	4.9#
164	13.4	8.2	12.2#

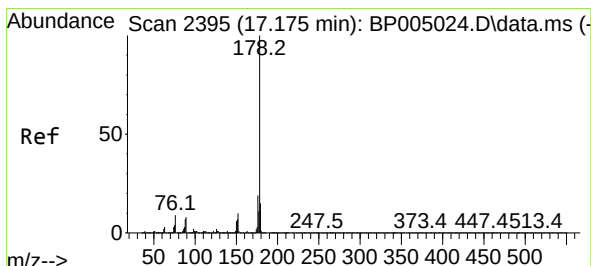
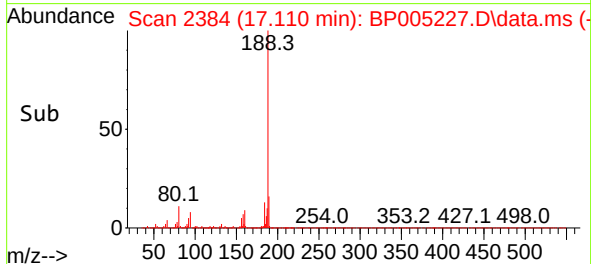
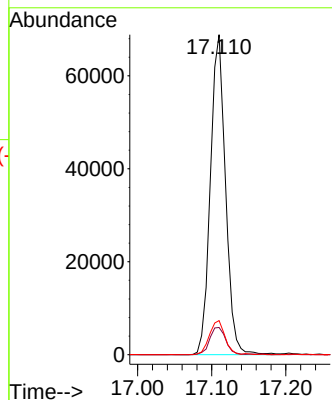
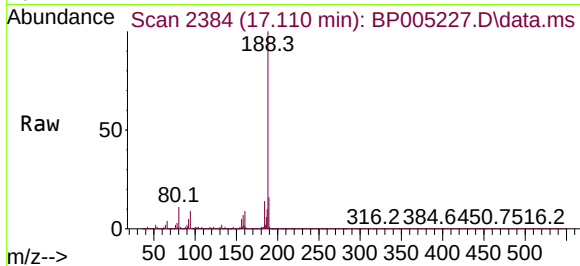




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

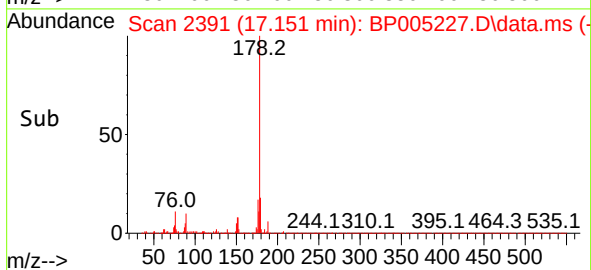
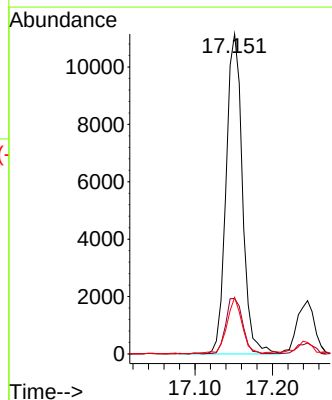
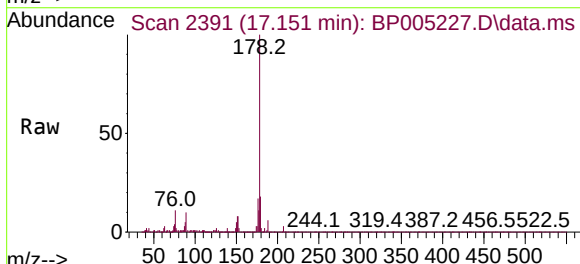
Instrument :
BNA_P
ClientSampleId :

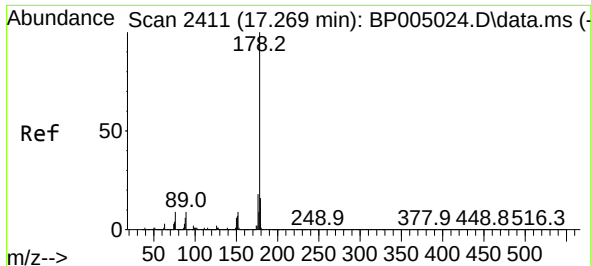
Tgt Ion:188 Resp: 97775
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 10.6 6.2 9.2#



#71
Phenanthrene
Concen: 2.88 ng
RT: 17.151 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

Tgt Ion:178 Resp: 16330
Ion Ratio Lower Upper
178 100
176 17.4 15.3 22.9
179 17.7 12.5 18.7

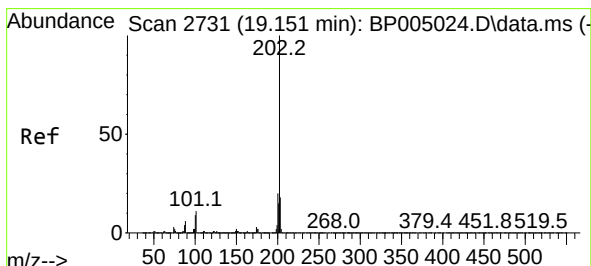
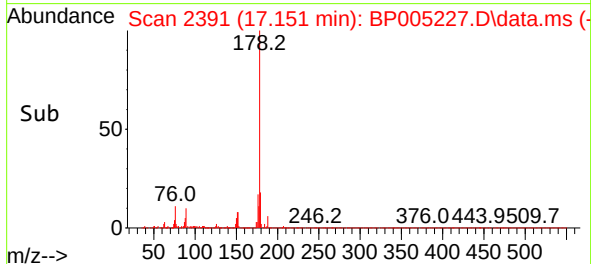
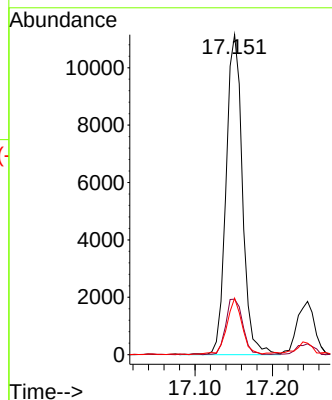
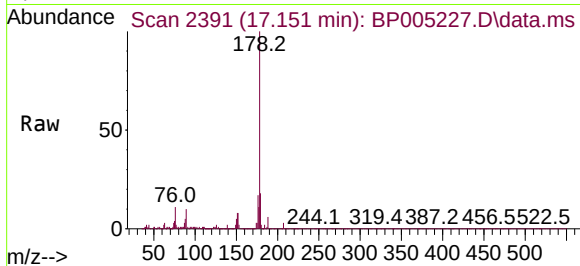




#72
 Anthracene
 Concen: 2.95 ng
 RT: 17.151 min Scan# 2391
 Delta R.T. -0.100 min
 Lab File: BP005227.D
 Acq: 07 Apr 2021 18:51

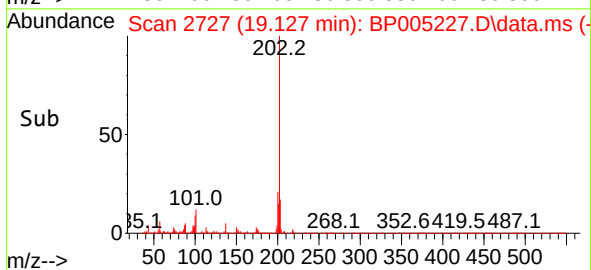
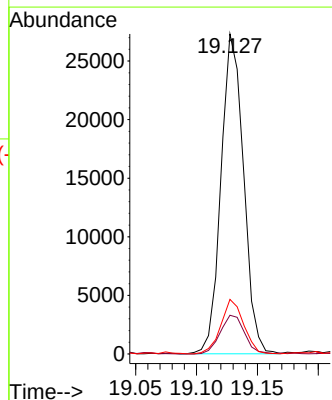
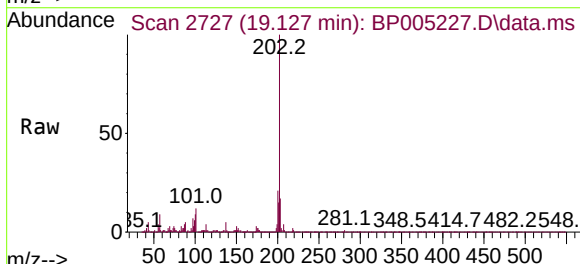
Instrument :
 BNA_P
 ClientSampleId :

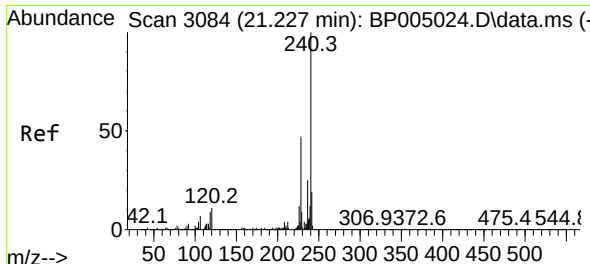
Tgt Ion:178 Resp: 16330
 Ion Ratio Lower Upper
 178 100
 176 17.4 15.0 22.4
 179 17.7 12.5 18.7



#75
 Fluoranthene
 Concen: 5.28 ng
 RT: 19.127 min Scan# 2727
 Delta R.T. -0.006 min
 Lab File: BP005227.D
 Acq: 07 Apr 2021 18:51

Tgt Ion:202 Resp: 35221
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 29.4
 203 17.1 0.0 37.8

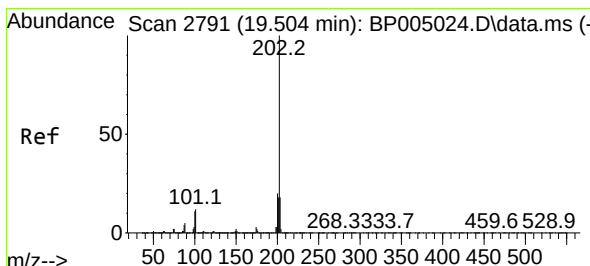
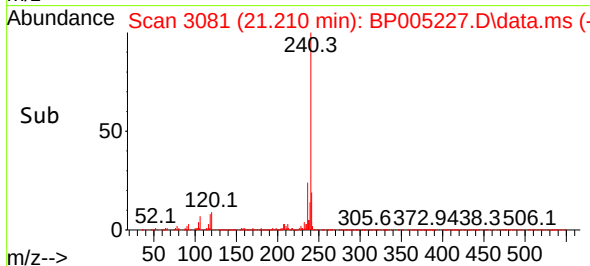
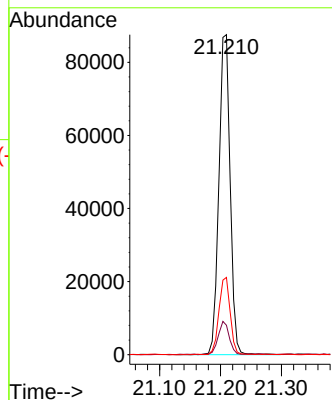
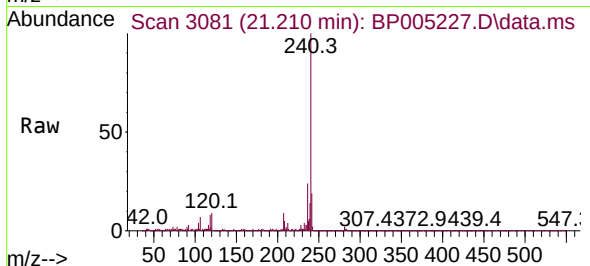




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

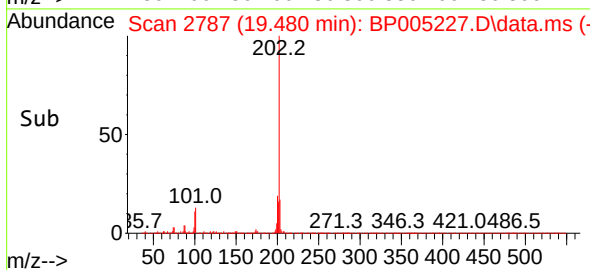
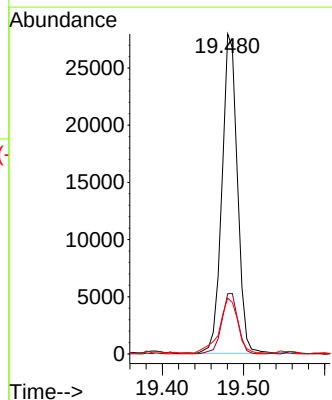
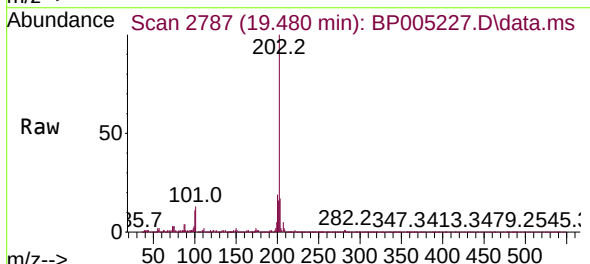
Instrument :
BNA_P
ClientSampleId :

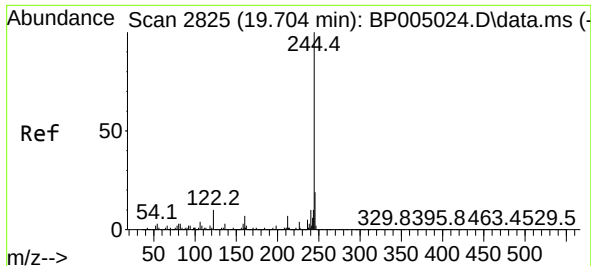
Tgt Ion:240 Resp: 111819
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 24.1 20.8 31.2



#78
Pyrene
Concen: 4.81 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

Tgt Ion:202 Resp: 36976
Ion Ratio Lower Upper
202 100
200 18.9 17.1 25.7
203 17.4 14.2 21.2

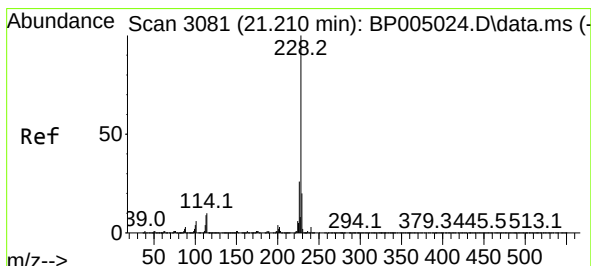
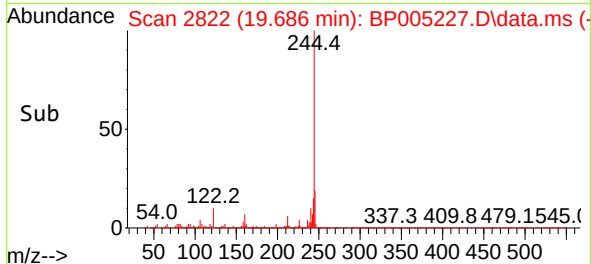
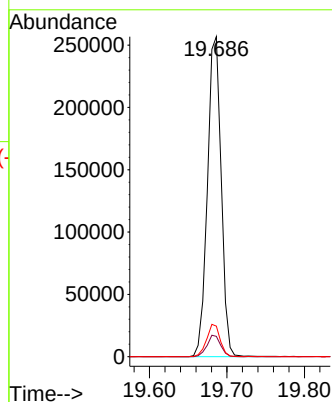
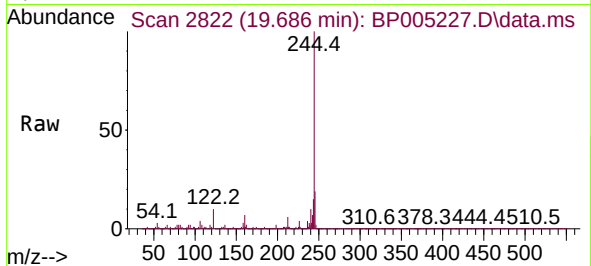




#79
 Terphenyl-d14
 Concen: 51.46 ng
 RT: 19.686 min Scan# 2822
 Delta R.T. 0.000 min
 Lab File: BP005227.D
 Acq: 07 Apr 2021 18:51

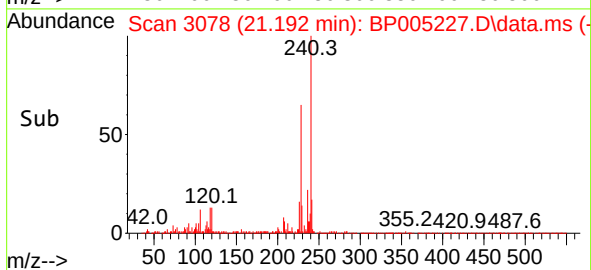
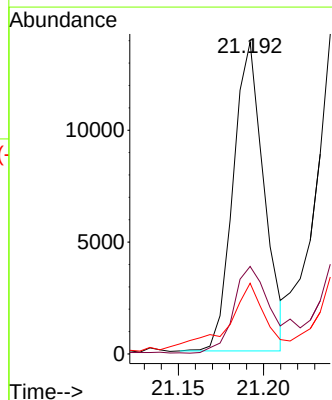
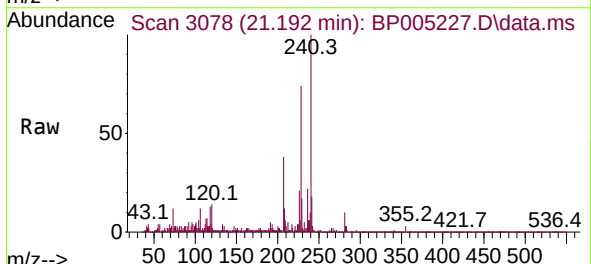
Instrument :
 BNA_P
 ClientSampleId :

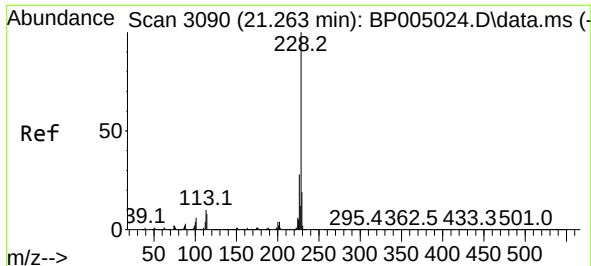
Tgt Ion:244 Resp: 316105
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.8 8.6
 122 9.5 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.29 ng
 RT: 21.192 min Scan# 3078
 Delta R.T. -0.006 min
 Lab File: BP005227.D
 Acq: 07 Apr 2021 18:51

Tgt Ion:228 Resp: 17384
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.1 33.1
 229 22.7 15.9 23.9

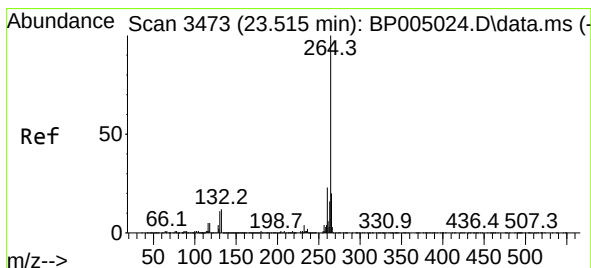
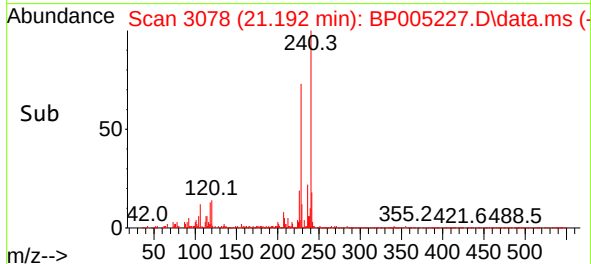
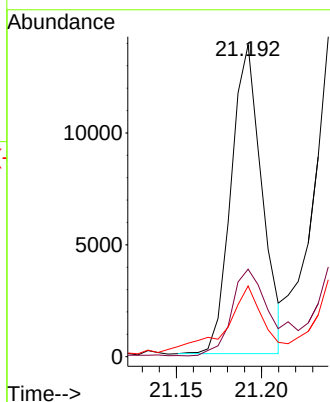
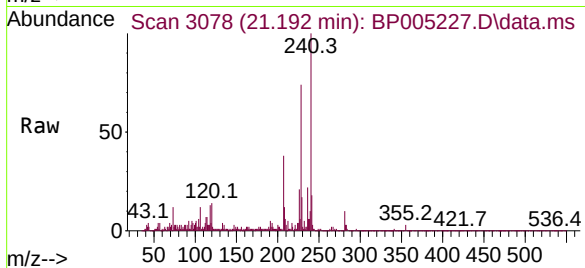




#83
Chrysene
Concen: 2.33 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.059 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

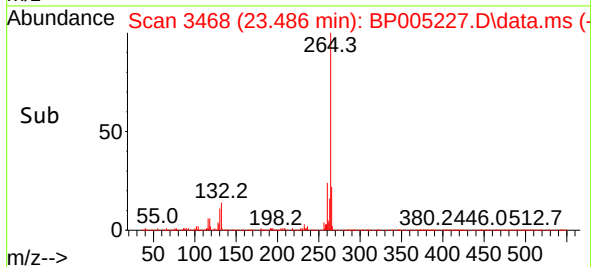
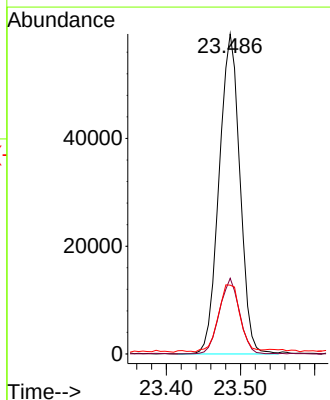
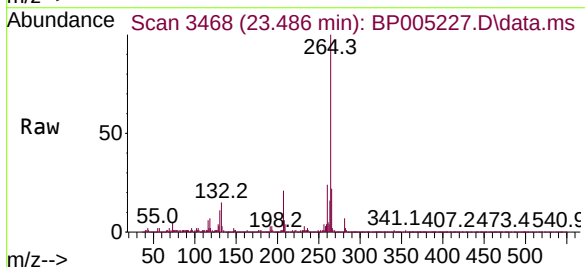
Instrument :
BNA_P
ClientSampled :

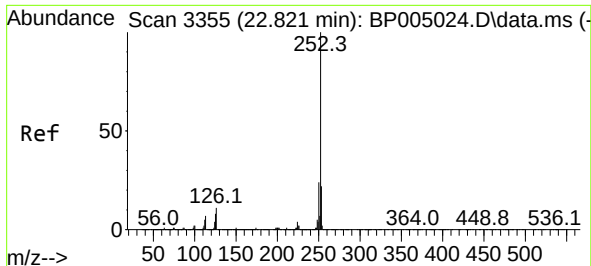
Tgt Ion:	228	Resp:	17384
Ion Ratio	Lower	Upper	
228	100		
226	28.1	24.4	36.6
229	22.7	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

Tgt Ion:	264	Resp:	115571
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.8	28.2
265	21.5	17.4	26.2

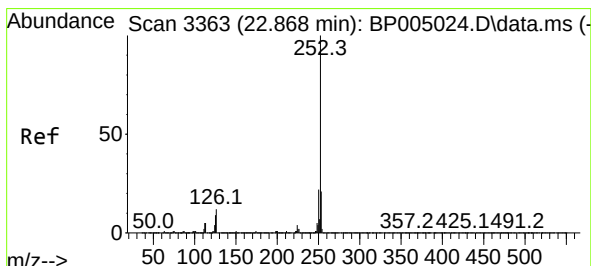
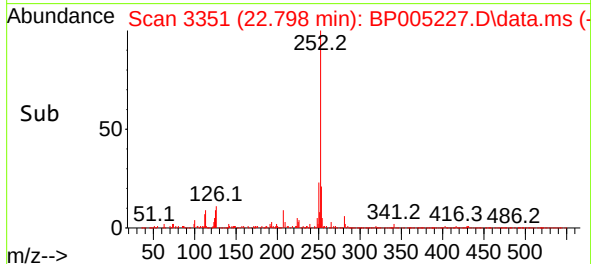
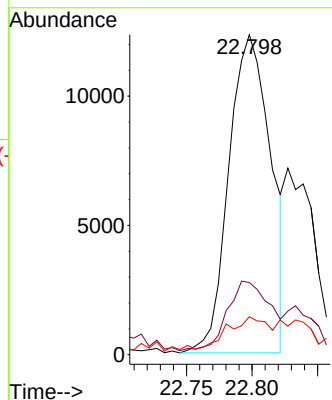
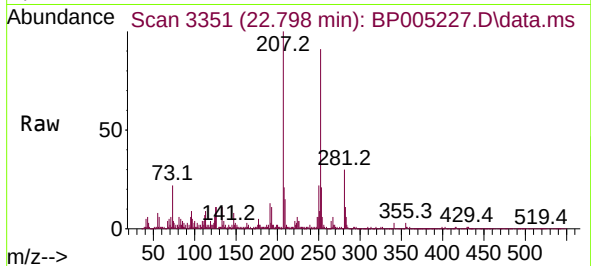




#88
Benzo(b)fluoranthene
Concen: 3.33 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.006 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

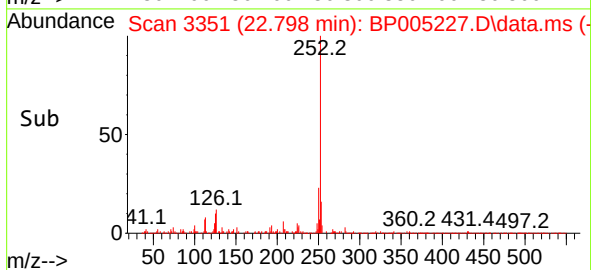
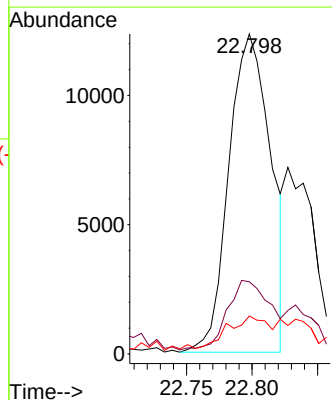
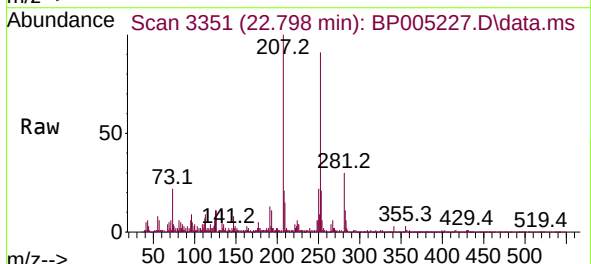
Instrument :
BNA_P
ClientSampleId :

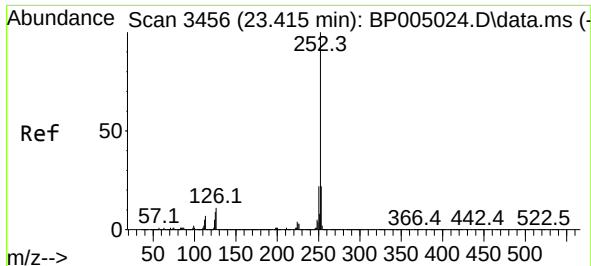
Tgt Ion:252 Resp: 27332
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 11.8 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 3.48 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.053 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

Tgt Ion:252 Resp: 27332
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.8 7.4 11.2#

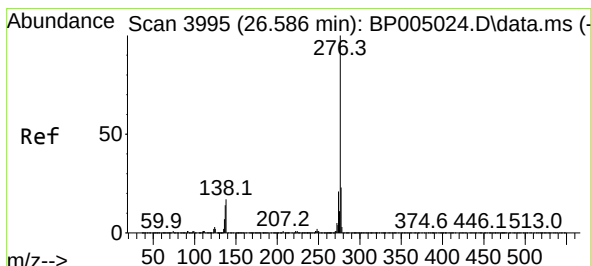
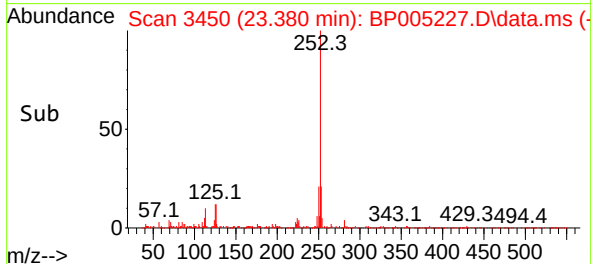
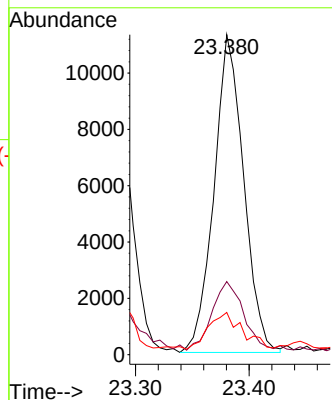
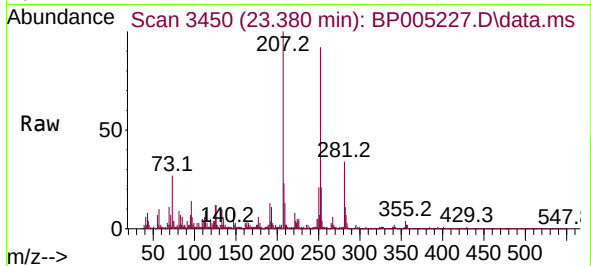




#90
Benzo(a)pyrene
Concen: 2.78 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

Instrument :
BNA_P
ClientSampled :

Tgt Ion:252 Resp: 20486
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 13.2 8.2 12.4#



#92
Benzo(g,h,i)perylene
Concen: 2.36 ng
RT: 26.533 min Scan# 3986
Delta R.T. -0.018 min
Lab File: BP005227.D
Acq: 07 Apr 2021 18:51

Tgt Ion:276 Resp: 17080
Ion Ratio Lower Upper
276 100
277 26.2 19.0 28.6
138 24.9 16.6 24.8#

