

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005403.D
 Acq On : 23 Apr 2021 20:30
 Operator : CG/JU
 Sample : M2020-04DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 105-SB-2(S)DL

Quant Time: Apr 23 23:38:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

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

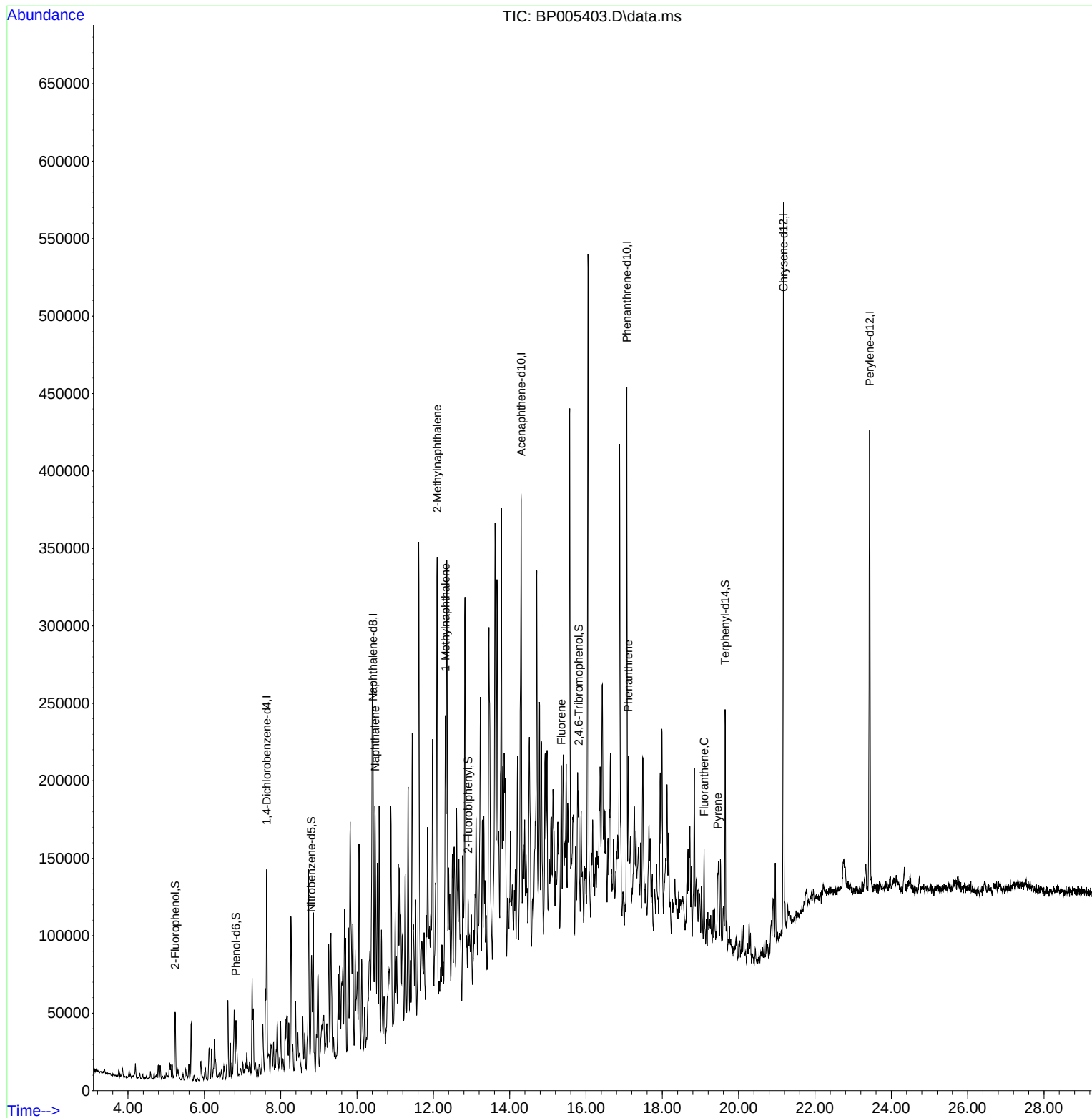
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	24051	20.00	ng	#-0.01
21) Naphthalene-d8	10.422	136	89627	20.00	ng	#-0.01
39) Acenaphthene-d10	14.304	164	63421	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	149166	20.00	ng	0.00
76) Chrysene-d12	21.174	240	192975	20.00	ng	0.00
86) Perylene-d12	23.433	264	201476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	12086	8.73	ng	0.00
7) Phenol-d6	6.828	99	16056	8.42	ng	0.00
23) Nitrobenzene-d5	8.805	82	14894	7.23	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	7333	6.04	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	24956	5.09	ng	0.00
79) Terphenyl-d14	19.645	244	52439	5.04	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.475	128	39586	8.37	ng	# 90
37) 2-Methylnaphthalene	12.098	142	99378	28.70	ng	# 92
38) 1-Methylnaphthalene	12.316	142	57359	17.34	ng	96
58) Fluorene	15.357	166	13865	2.84	ng	# 89
71) Phenanthrene	17.110	178	45162	5.68	ng	97
75) Fluoranthene	19.098	202	22167	2.03	ng	98
78) Pyrene	19.451	202	28617	2.64	ng	# 95

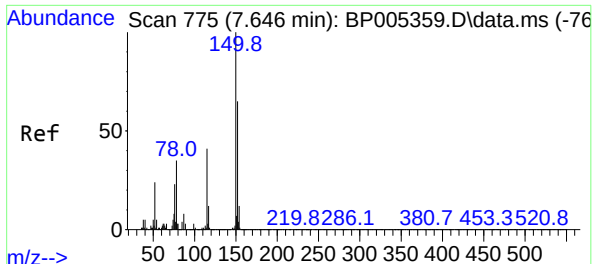
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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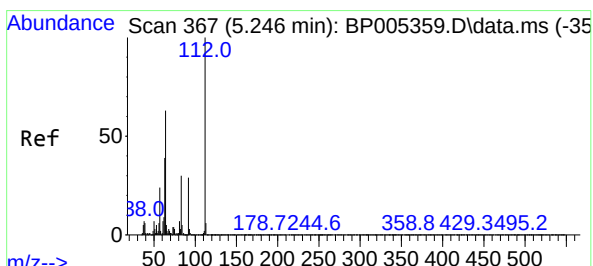
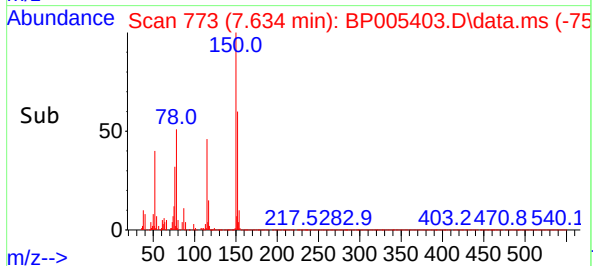
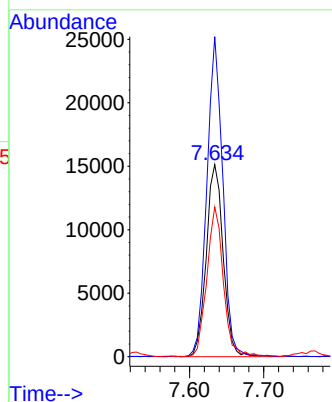
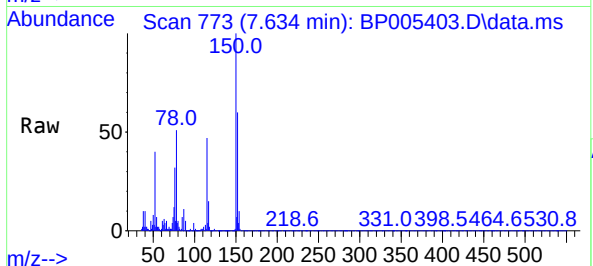




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

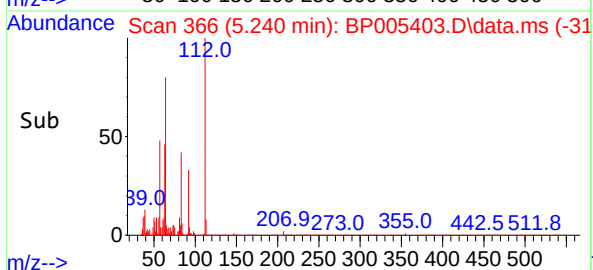
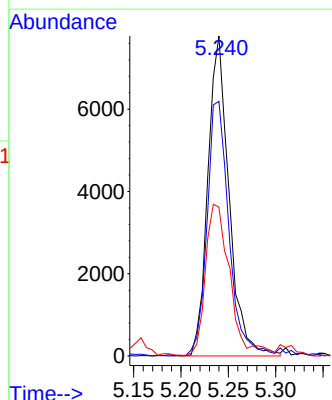
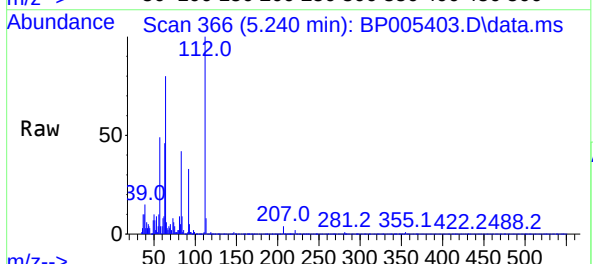
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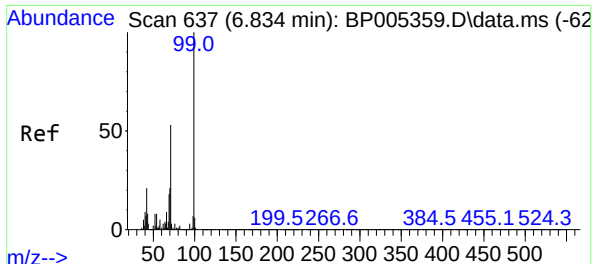
Tgt Ion:152 Resp: 24051
Ion Ratio Lower Upper
152 100
150 166.6 119.8 179.8
115 77.9 49.0 73.4#



#5
2-Fluorophenol
Concen: 8.73 ng
RT: 5.240 min Scan# 366
Delta R.T. -0.006 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

Tgt Ion:112 Resp: 12086
Ion Ratio Lower Upper
112 100
64 79.5 33.6 50.4#
63 46.5 18.6 27.8#

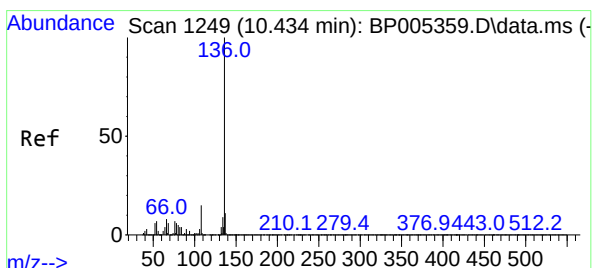
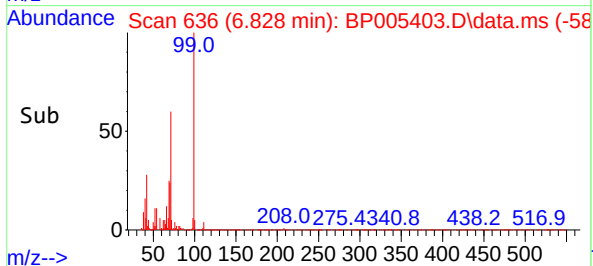
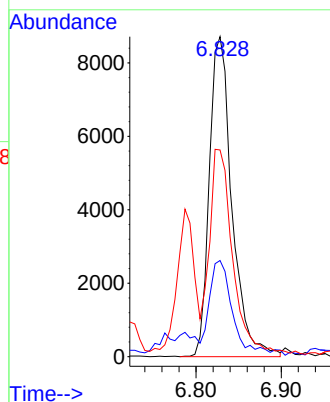
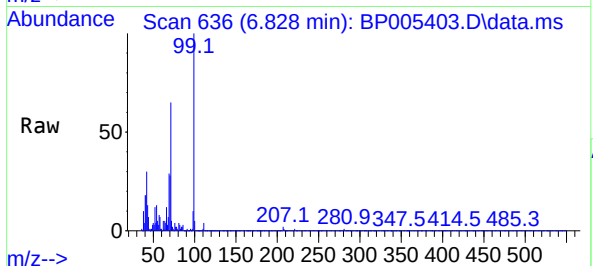




#7
Phenol-d6
Concen: 8.42 ng
RT: 6.828 min Scan# 636
Delta R.T. -0.006 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

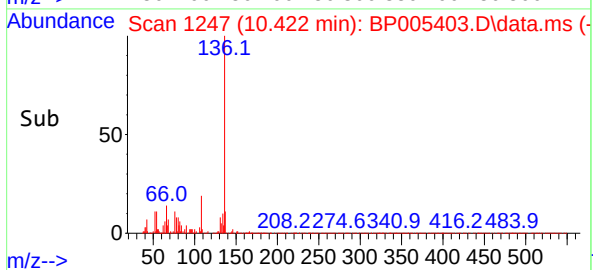
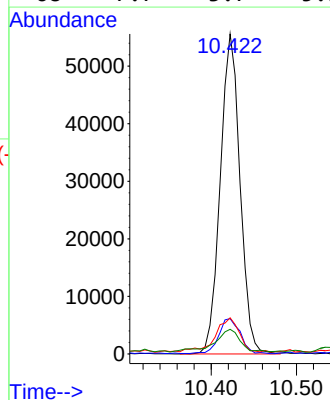
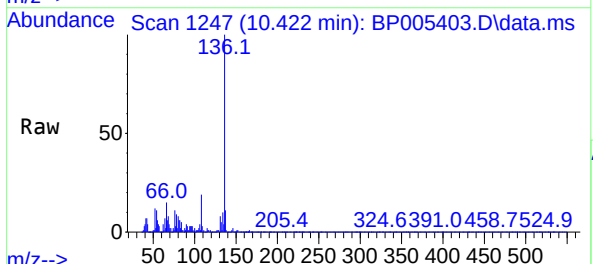
Instrument :
BNA_P
ClientSampleId :
105-SB-2(S)DL

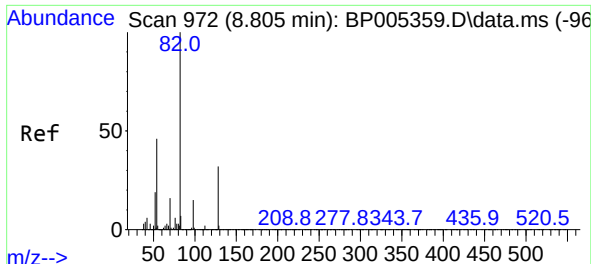
Tgt Ion: 99 Resp: 16056
Ion Ratio Lower Upper
99 100
42 30.1 12.9 19.3#
71 64.6 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

Tgt Ion: 136 Resp: 89627
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 11.3 5.0 7.4#
68 7.7 3.7 5.5#

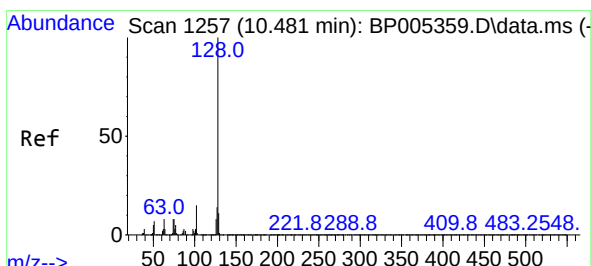
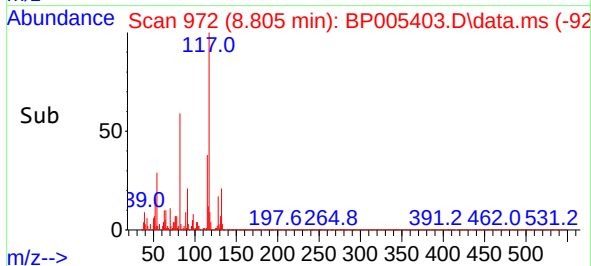
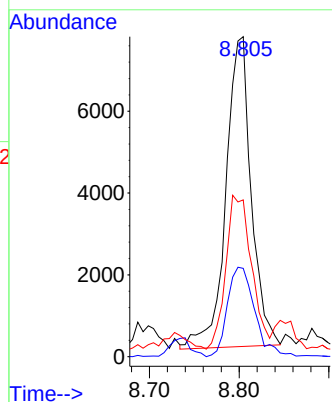
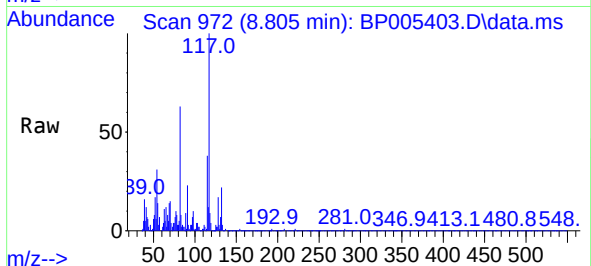




#23
Nitrobenzene-d5
Concen: 7.23 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

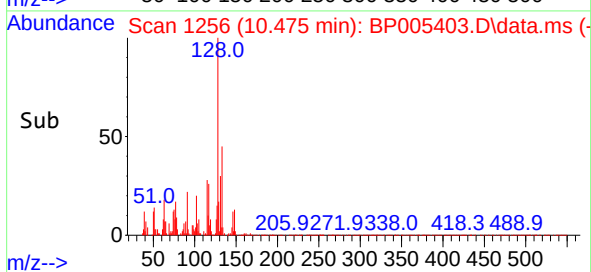
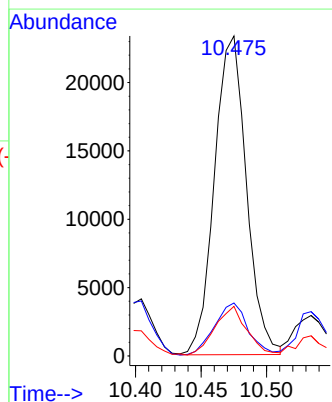
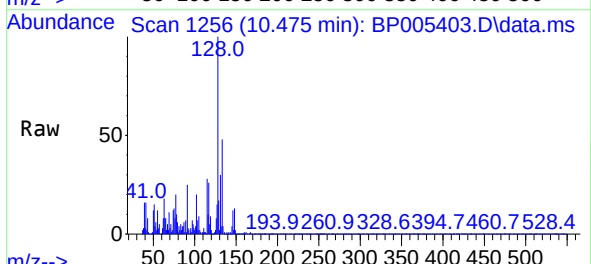
Instrument :
BNA_P
ClientSampleId :
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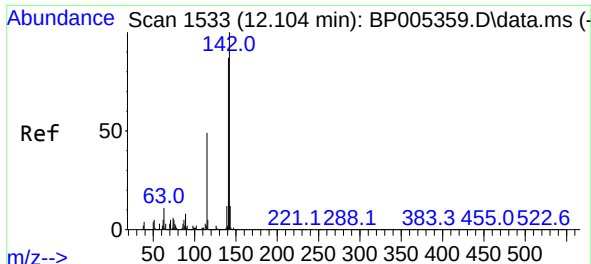
Tgt Ion: 82 Resp: 14894
Ion Ratio Lower Upper
82 100
128 27.6 30.5 45.7#
54 49.0 33.9 50.9



#31
Naphthalene
Concen: 8.37 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

Tgt Ion: 128 Resp: 39586
Ion Ratio Lower Upper
128 100
129 16.6 8.0 12.0#
127 15.5 11.1 16.7

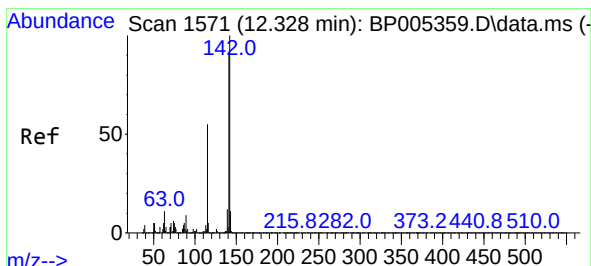
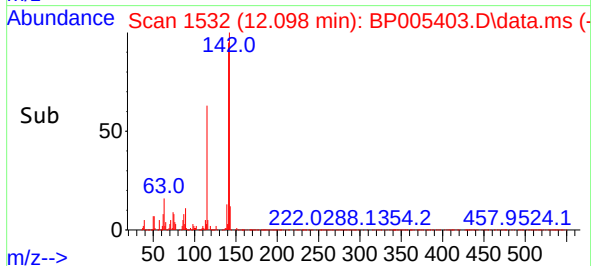
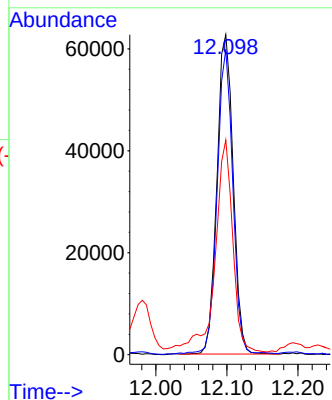
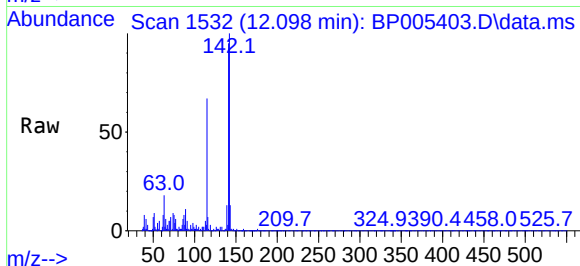




#37
2-Methylnaphthalene
Concen: 28.70 ng
RT: 12.098 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

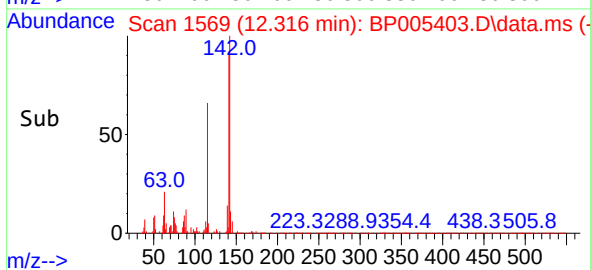
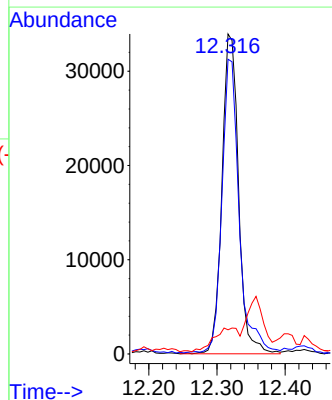
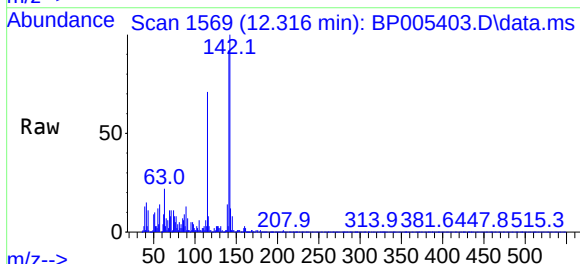
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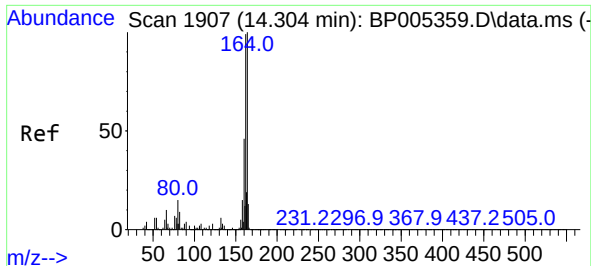
Tgt Ion:142 Resp: 99378
Ion Ratio Lower Upper
142 100
141 95.4 74.7 112.1
115 67.1 43.8 65.8#



#38
1-Methylnaphthalene
Concen: 17.34 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

Tgt Ion:142 Resp: 57359
Ion Ratio Lower Upper
142 100
141 92.1 77.0 115.6
116 7.6 5.0 7.6

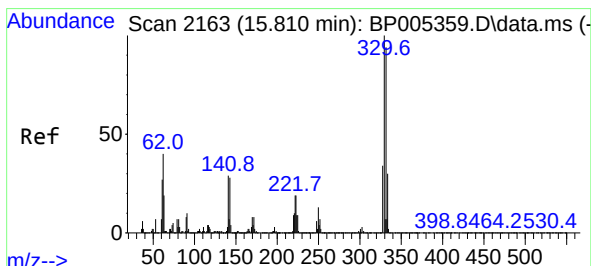
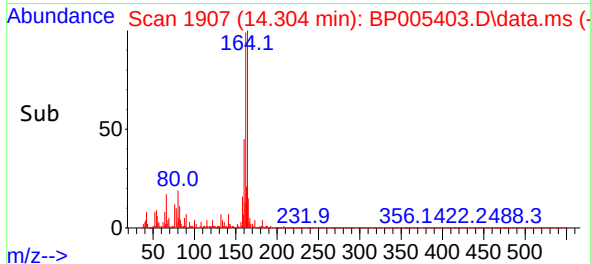
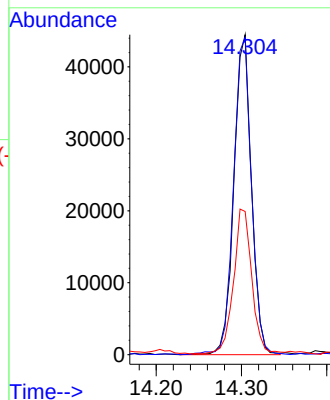
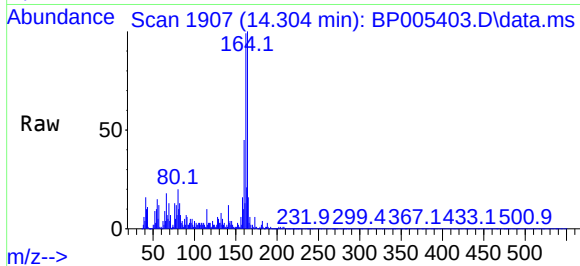




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

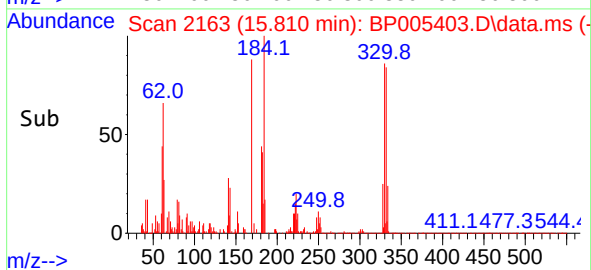
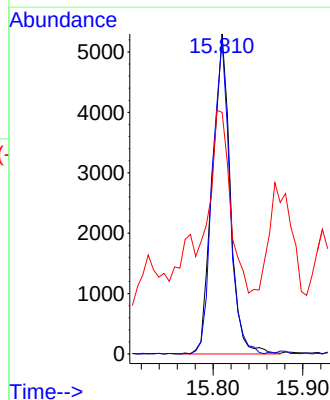
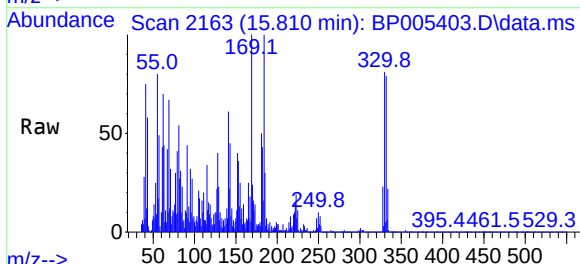
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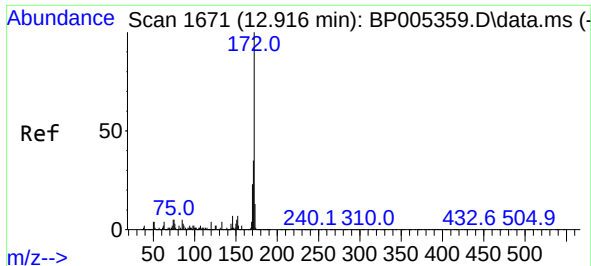
Tgt Ion:164 Resp: 63421
Ion Ratio Lower Upper
164 100
162 99.1 73.5 110.3
160 44.7 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 6.04 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

Tgt Ion:330 Resp: 7333
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 66.4 22.8 34.2#

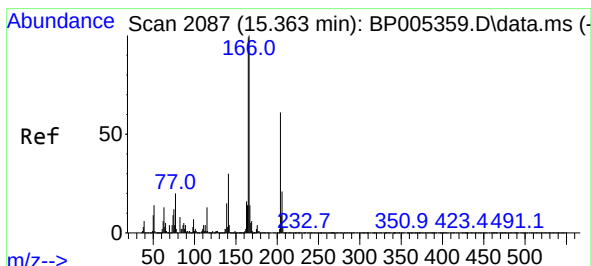
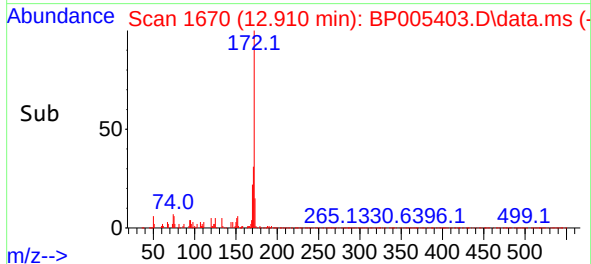
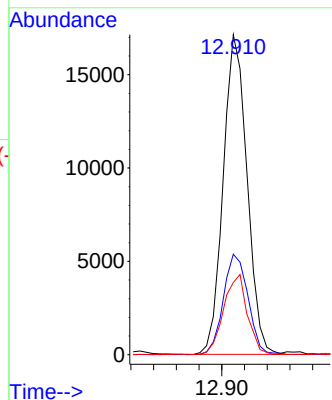
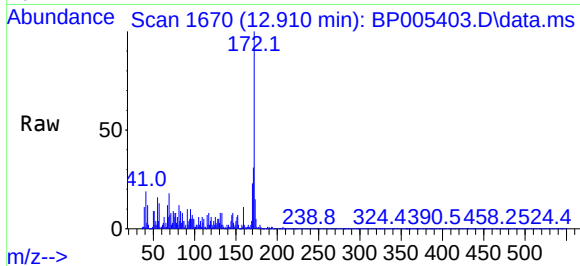




#45
2-Fluorobiphenyl
Concen: 5.09 ng
RT: 12.910 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

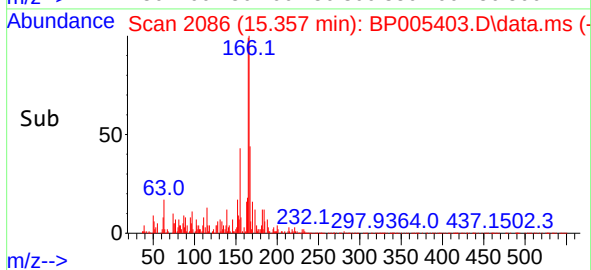
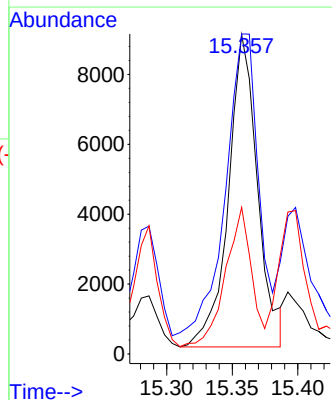
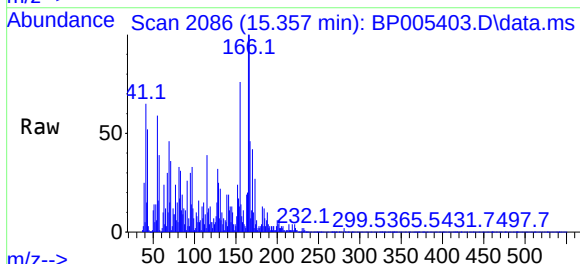
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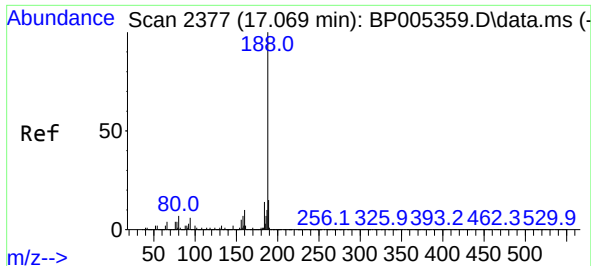
Tgt Ion:	172	Resp:	24956
Ion Ratio	Lower	Upper	
172	100		
171	31.4	28.1	42.1
170	22.6	19.6	29.4



#58
Fluorene
Concen: 2.84 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

Tgt Ion:	166	Resp:	13865
Ion Ratio	Lower	Upper	
166	100		
165	100.2	78.8	118.2
167	45.9	10.9	16.3

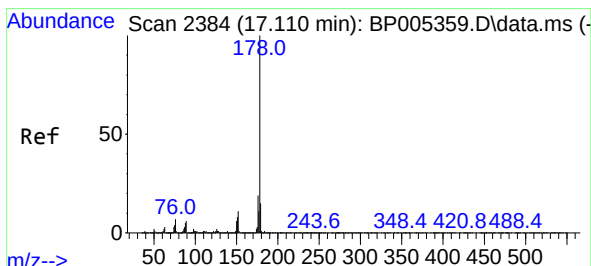
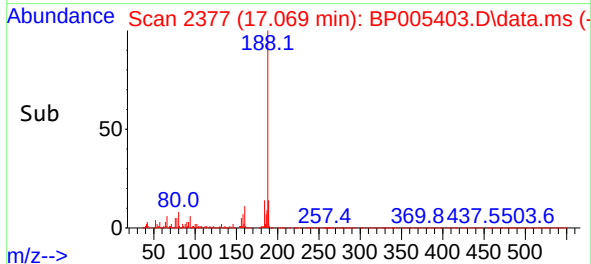
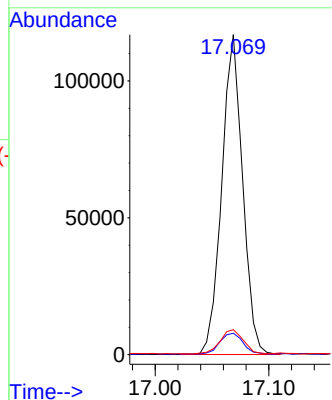
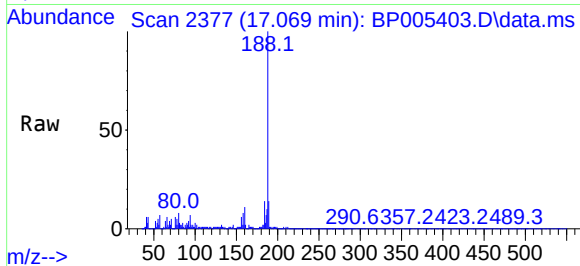




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

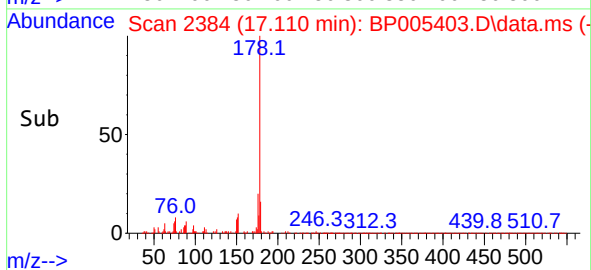
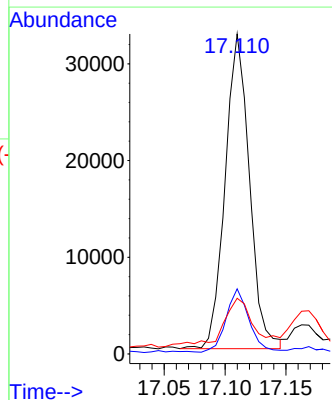
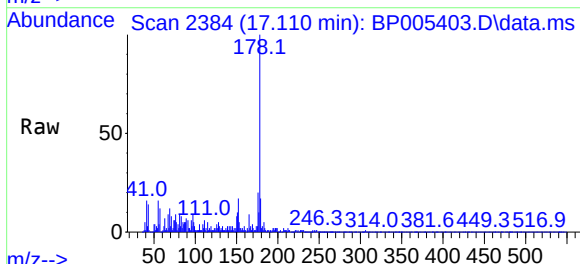
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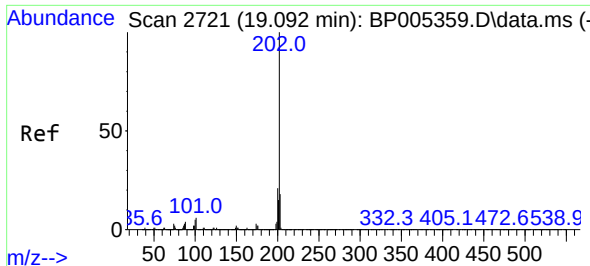
Tgt Ion:188 Resp: 149166
Ion Ratio Lower Upper
188 100
94 6.7 5.0 7.6
80 7.8 5.9 8.9



#71
Phenanthrene
Concen: 5.68 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

Tgt Ion:178 Resp: 45162
Ion Ratio Lower Upper
178 100
176 20.4 15.4 23.2
179 17.4 12.3 18.5

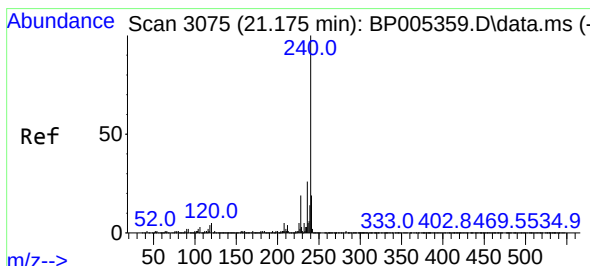
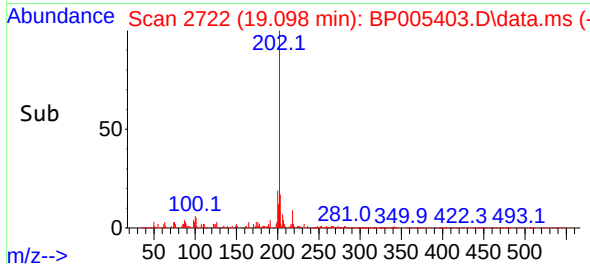
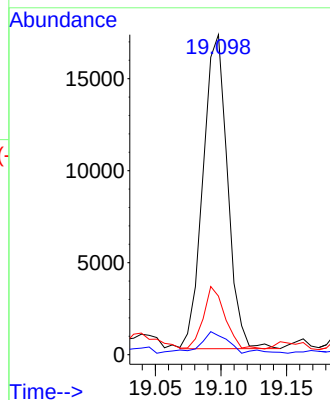
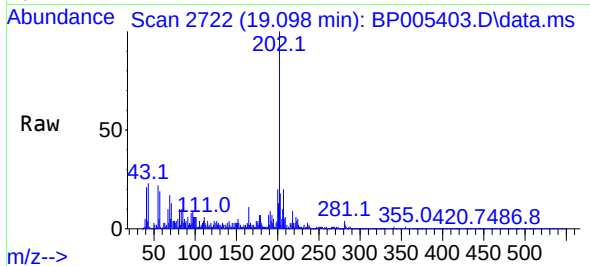




#75
Fluoranthene
Concen: 2.03 ng
RT: 19.098 min Scan# 2722
Delta R.T. 0.006 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

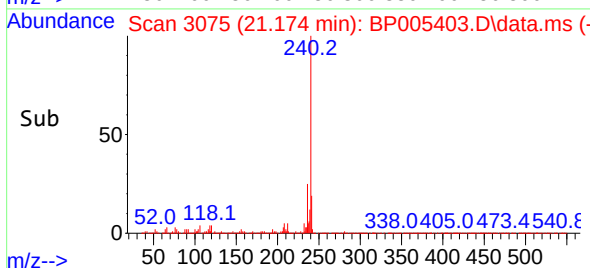
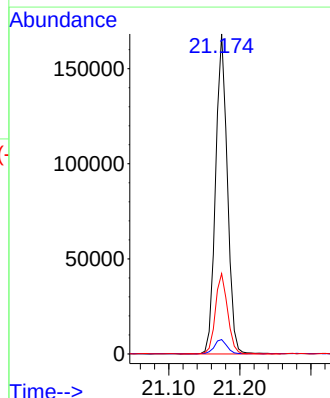
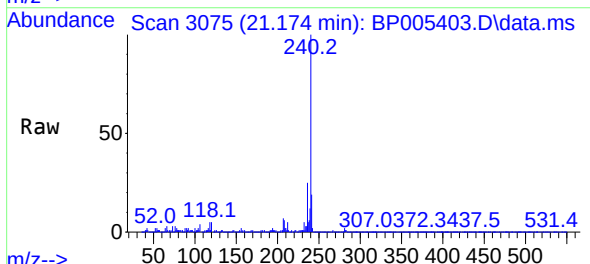
Instrument :
BNA_P
ClientSampleId :
105-SB-2(S)DL

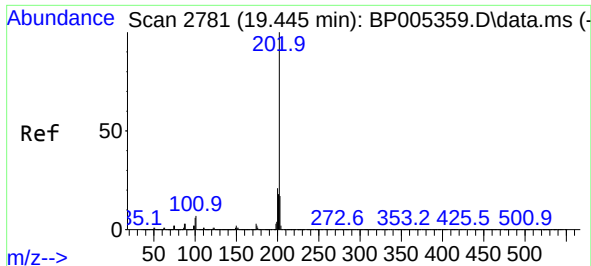
Tgt Ion:	202	Resp:	22167
Ion Ratio	Lower	Upper	
202	100		
101	6.0	0.0	26.1
203	18.3	0.0	37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.001 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

Tgt Ion:	240	Resp:	192975
Ion Ratio	Lower	Upper	
240	100		
120	4.5	4.2	6.2
236	25.1	20.2	30.2

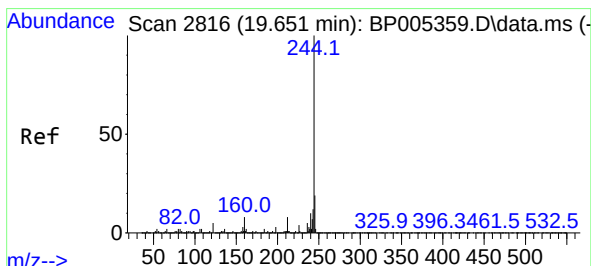
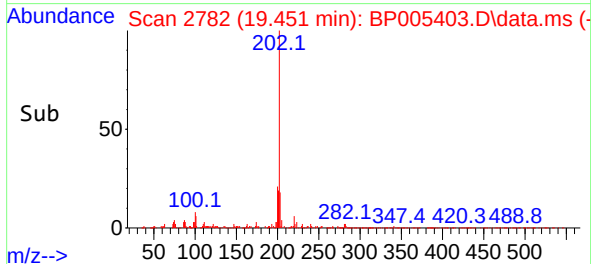
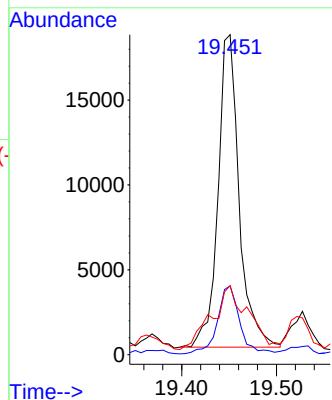
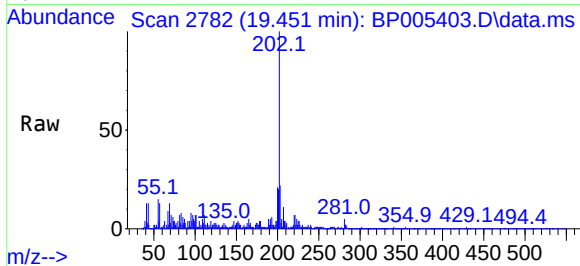




#78
Pyrene
Concen: 2.64 ng
RT: 19.451 min Scan# 2782
Delta R.T. 0.006 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

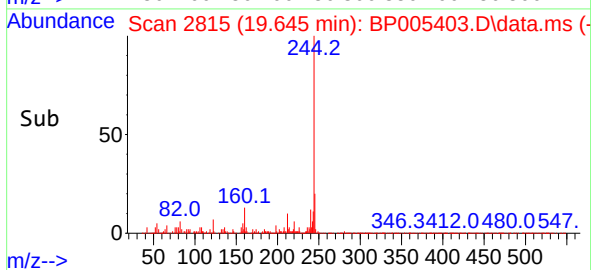
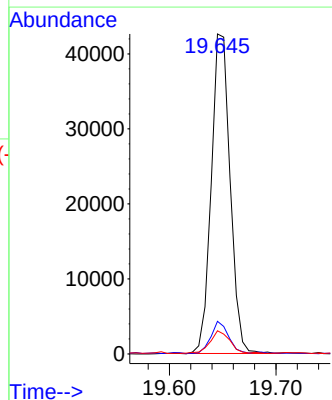
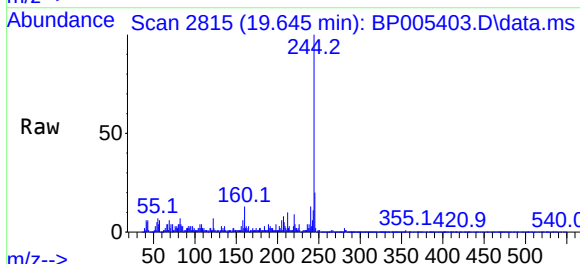
Instrument :
BNA_P
ClientSampleId :
105-SB-2(S)DL

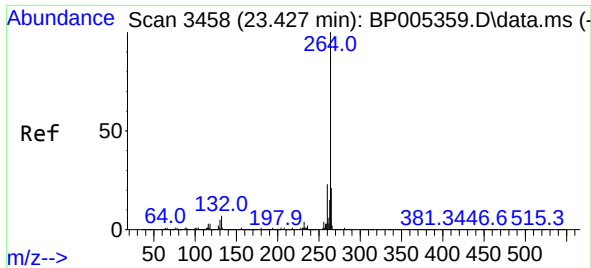
Tgt Ion:	202	Resp:	28617
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.9	25.3
203	21.5	13.8	20.6#



#79
Terphenyl-d14
Concen: 5.04 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005403.D
Acq: 23 Apr 2021 20:30

Tgt Ion:	244	Resp:	52439
Ion Ratio	Lower	Upper	
244	100		
212	10.2	5.8	8.6#
122	7.2	5.2	7.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.433 min Scan# 3459
 Delta R.T. 0.006 min
 Lab File: BP005403.D
 Acq: 23 Apr 2021 20:30

Instrument :
 BNA_P
 ClientSampleId :
 105-SB-2(S)DL

Tgt Ion:264 Resp: 201476
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.6 30.8
 265 22.0 19.0 28.6

