

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005327.D
 Acq On : 16 Apr 2021 19:56
 Operator : CG/JU
 Sample : M2042-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FS-SB12A(41-42)

Quant Time: Apr 17 00:43:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:02:58 2021
 Response via : Initial Calibration

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

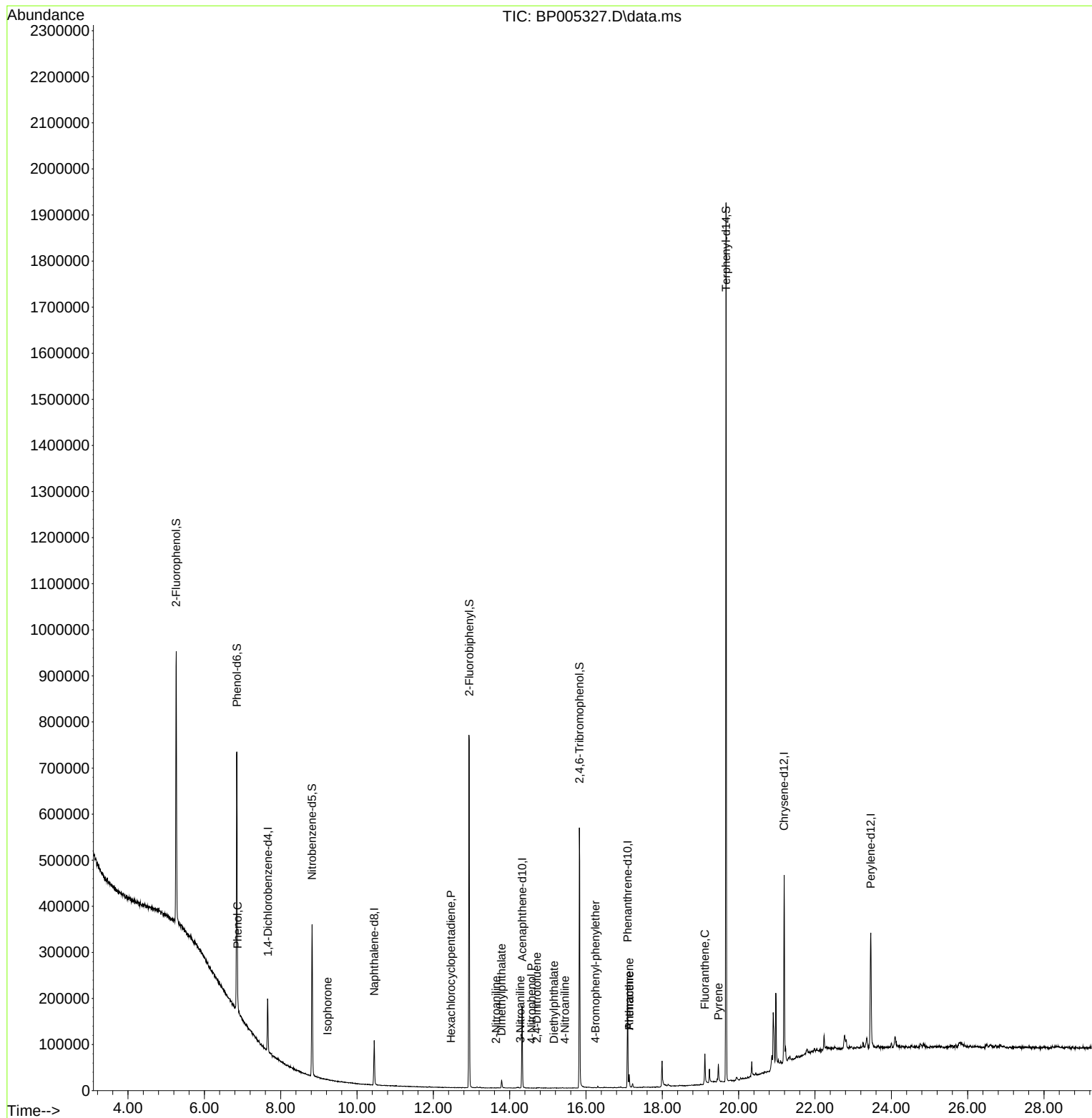
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	29994	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	67463	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	45037	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	113884	20.00	ng	0.00
76) Chrysene-d12	21.192	240	169365	20.00	ng	0.00
86) Perylene-d12	23.462	264	171914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	286243	116.36	ng	0.00
7) Phenol-d6	6.852	99	320348	112.60	ng	0.00
23) Nitrobenzene-d5	8.822	82	187790	85.97	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	91046	152.08	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	327815	96.68	ng	0.00
79) Terphenyl-d14	19.669	244	745814	86.98	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.875	94	5844	2.04	ng	72
25) Isophorone	9.228	82	138	2.64	ng	99
41) Hexachlorocyclopentadiene	12.463	237	7	7.80	ng	# 1
48) 2-Nitroaniline	13.645	65	40	4.09	ng	86
50) Dimethylphthalate	13.786	163	9503	3.22	ng	# 93
53) 3-Nitroaniline	14.281	138	6	3.12	ng	# 13
56) 4-Nitrophenol	14.575	139	23	6.03	ng	# 33
57) 2,4-Dinitrotoluene	14.710	165	11	3.43	ng	# 60
60) Diethylphthalate	15.163	149	124	4.17	ng	# 67
62) 4-Nitroaniline	15.445	138	17	3.95	ng	# 34
67) 4-Bromophenyl-phenylether	16.251	248	9	3.46	ng	90
71) Phenanthrene	17.133	178	15716	2.31	ng	96
72) Anthracene	17.133	178	15716	2.49	ng	96
75) Fluoranthene	19.116	202	24890	3.11	ng	95
78) Pyrene	19.468	202	20974	2.17	ng	98

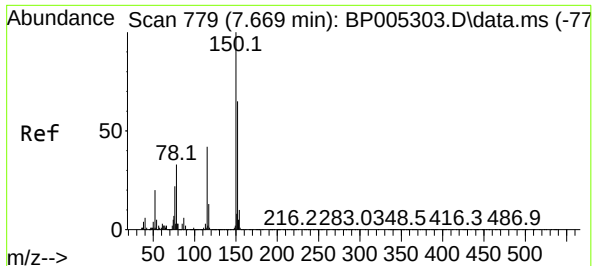
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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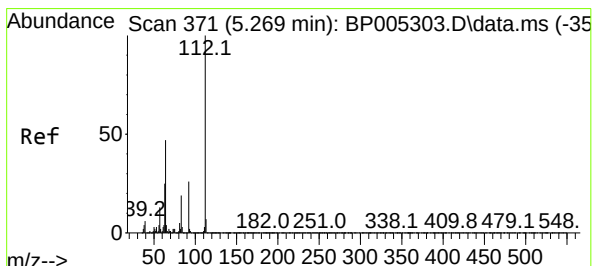
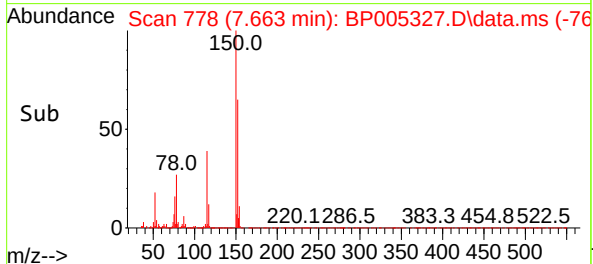
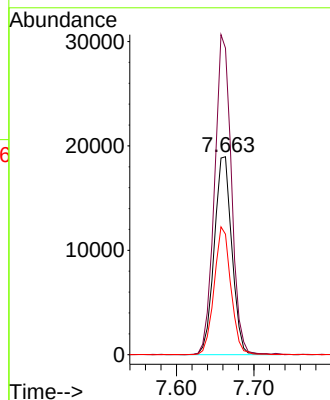
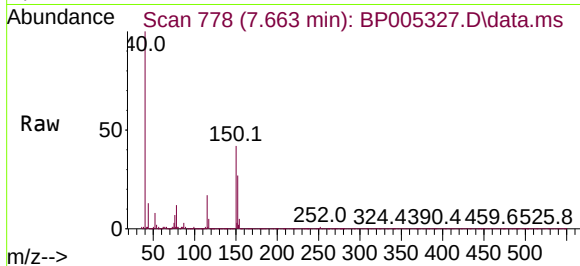




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

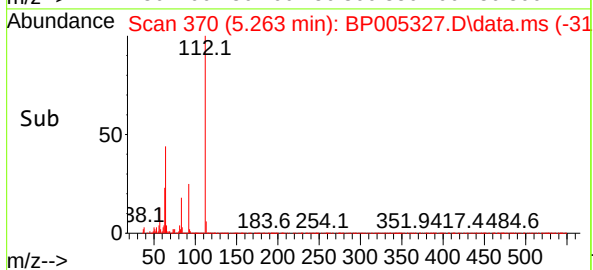
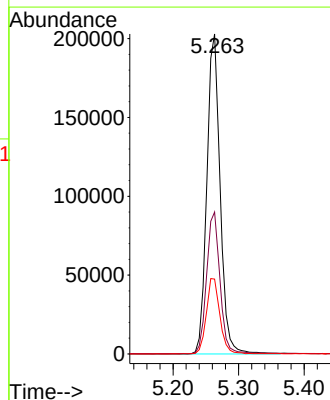
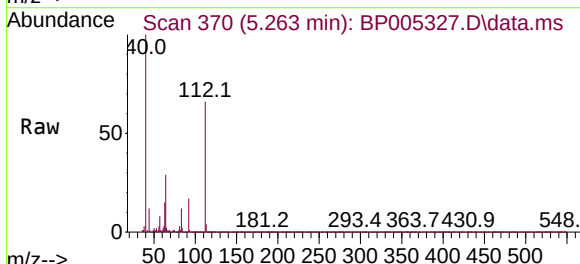
Instrument :
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FS-SB12A(41-42)

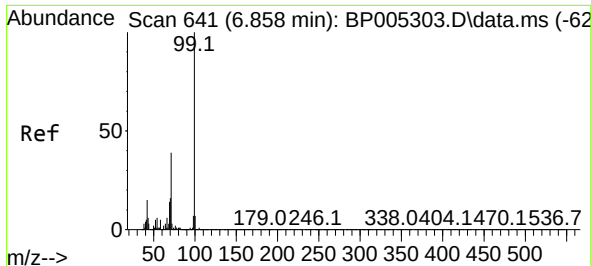
Tgt Ion:152 Resp: 29994
Ion Ratio Lower Upper
152 100
150 154.8 122.9 184.3
115 60.8 52.2 78.2



#5
2-Fluorophenol
Concen: 116.36 ng
RT: 5.263 min Scan# 370
Delta R.T. -0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion:112 Resp: 286243
Ion Ratio Lower Upper
112 100
64 44.3 37.6 56.4
63 23.4 20.4 30.6

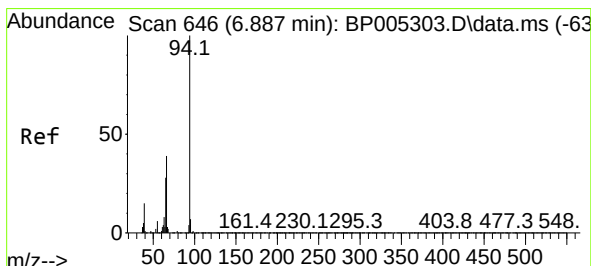
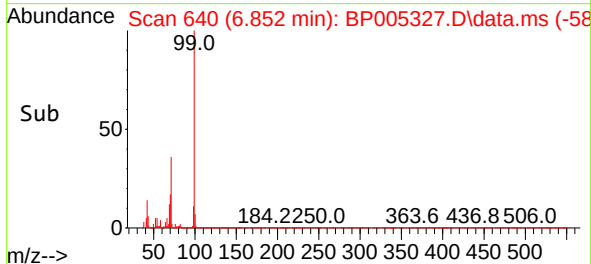
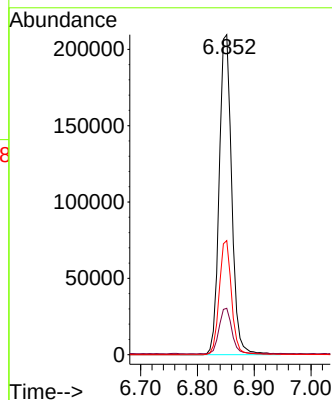
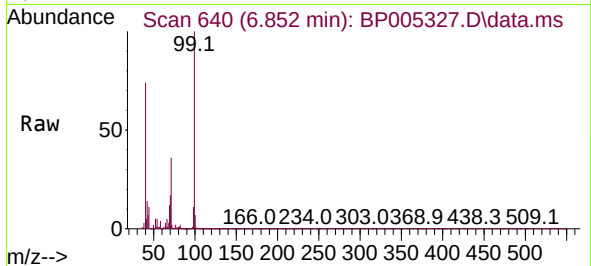




#7
Phenol-d6
Concen: 112.60 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

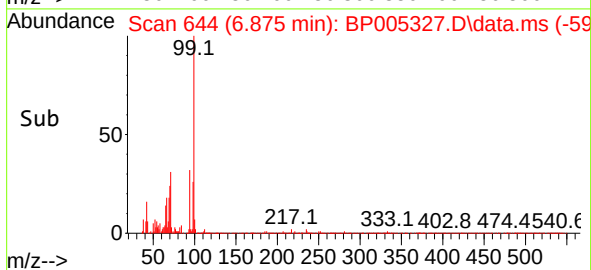
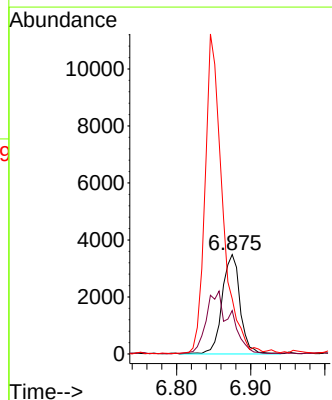
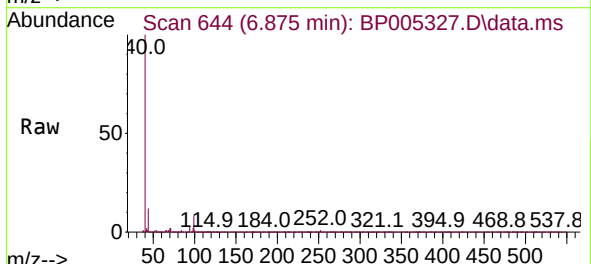
Instrument :
BNA_P
ClientSampleId :
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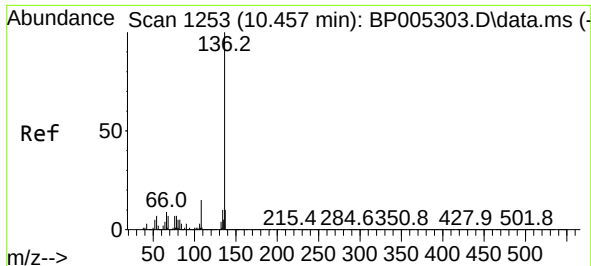
Tgt Ion: 99 Resp: 320348
Ion Ratio Lower Upper
99 100
42 14.5 12.0 18.0
71 35.6 31.4 47.2



#10
Phenol
Concen: 2.04 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion: 94 Resp: 5844
Ion Ratio Lower Upper
94 100
65 43.7 8.3 48.3
66 55.7 19.4 59.4

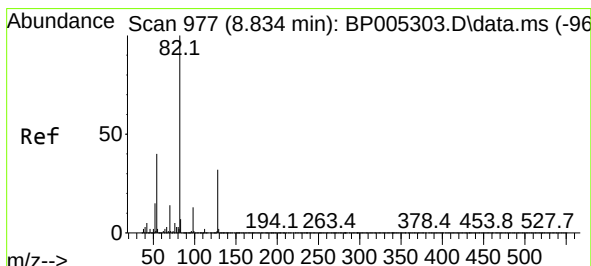
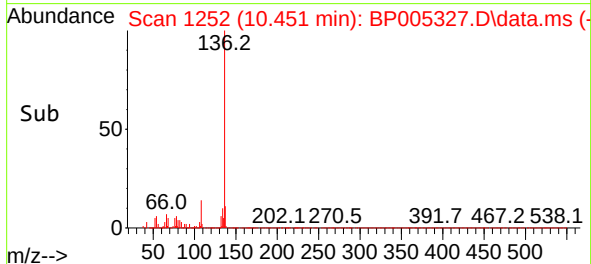
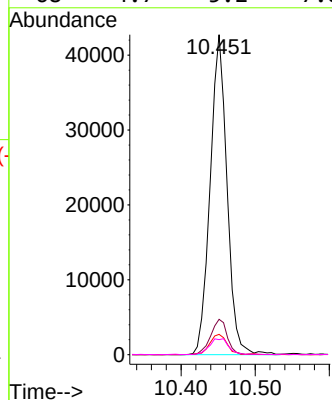
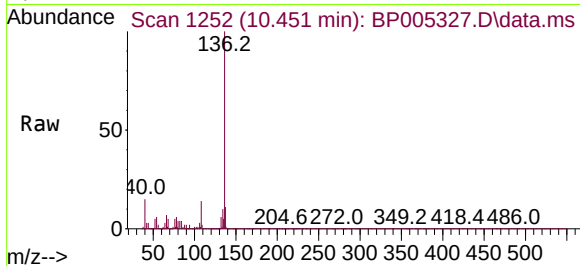




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

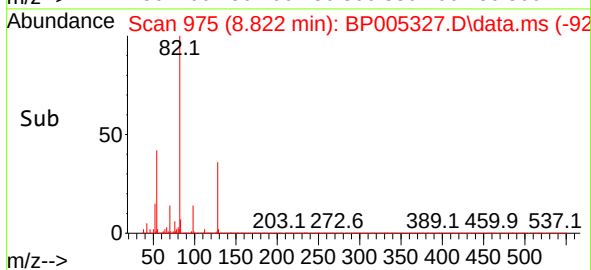
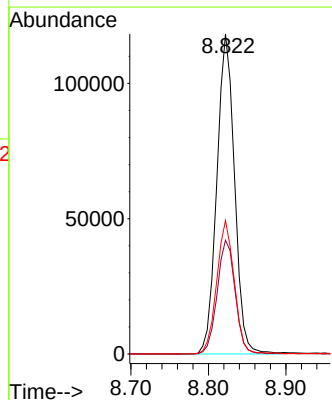
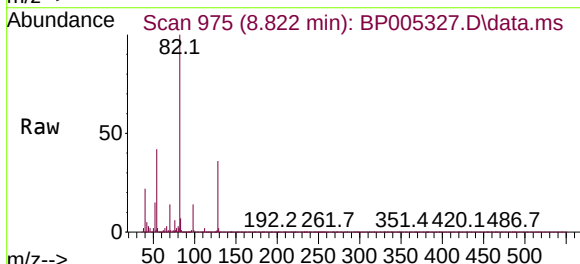
Instrument :
BNA_P
ClientSampleId :
FS-SB12A(41-42)

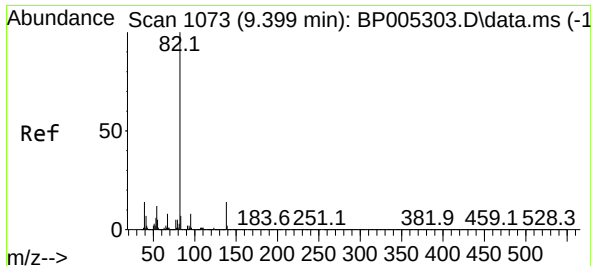
Tgt Ion:	136	Resp:	67463
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.4	12.6
54	6.3	5.8	8.8
68	4.7	5.2	7.8#



#23
Nitrobenzene-d5
Concen: 85.97 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion:	82	Resp:	187790
Ion Ratio	Lower	Upper	
82	100		
128	35.6	25.3	37.9
54	41.7	31.7	47.5

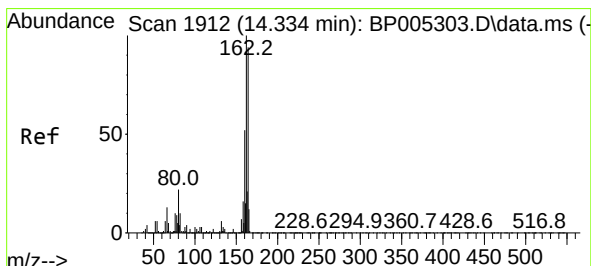
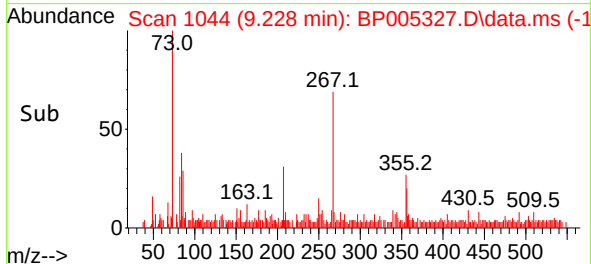
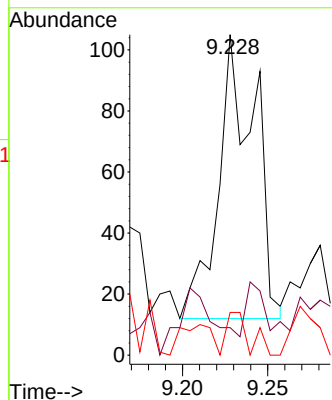
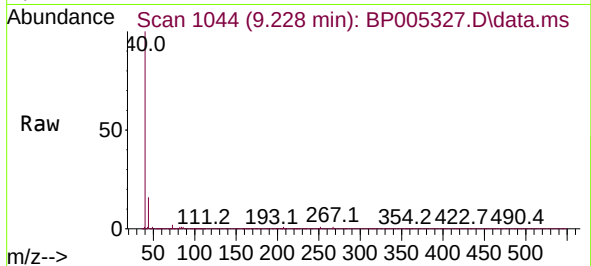




#25
Isophorone
Concen: 2.64 ng
RT: 9.228 min Scan# 1044
Delta R.T. -0.165 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

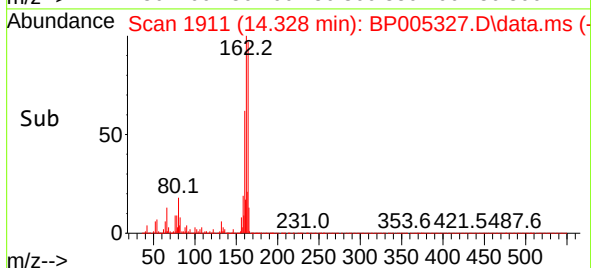
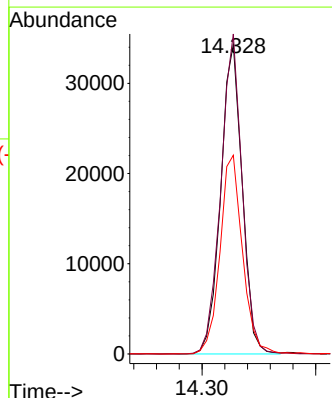
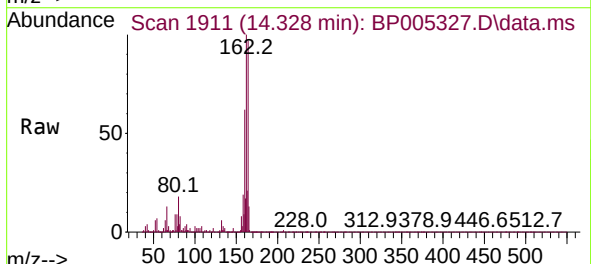
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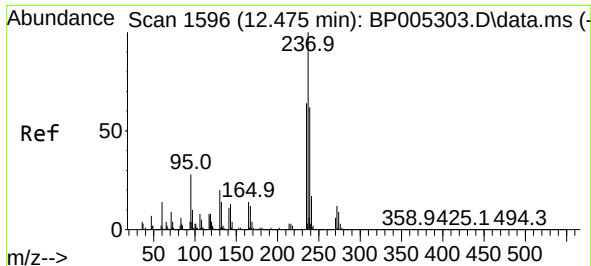
Tgt Ion: 82	Resp:	138
Ion Ratio	Lower	Upper
82	100	
95	8.6	6.6 10.0
138	13.3	11.0 16.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion: 164	Resp:	45037
Ion Ratio	Lower	Upper
164	100	
162	103.3	84.8 127.2
160	64.2	44.2 66.4

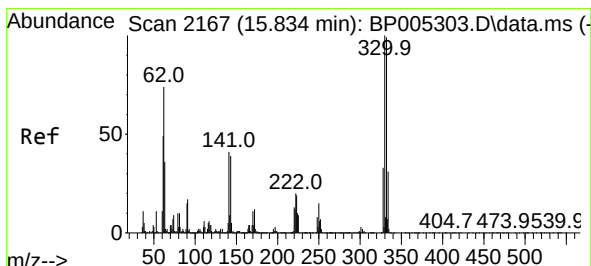
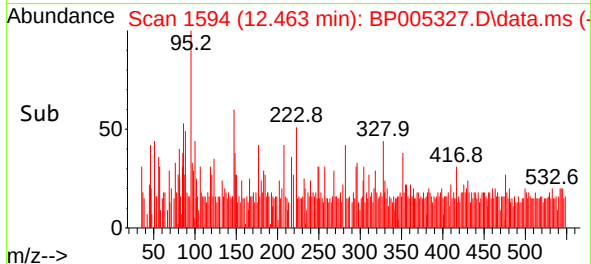
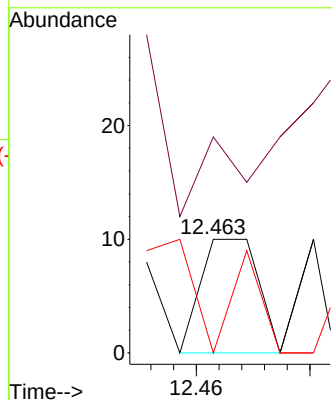
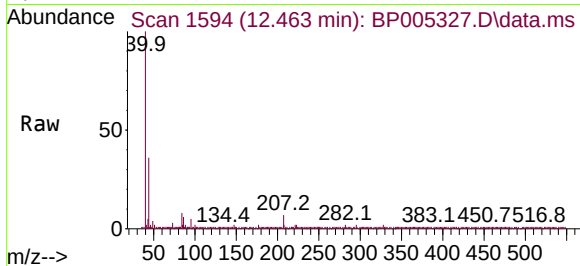




#41
Hexachlorocyclopentadiene
Concen: 7.80 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

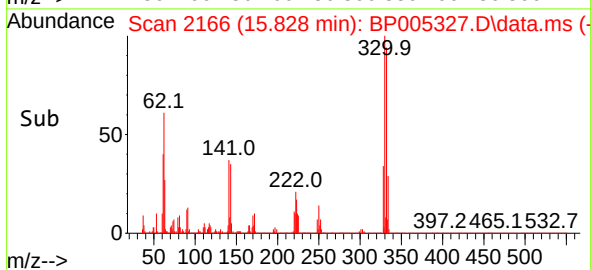
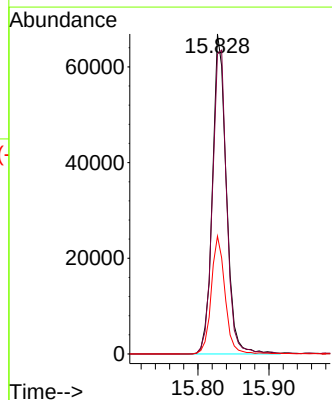
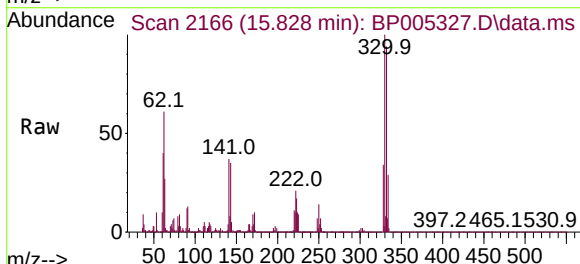
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ClientSampleId :
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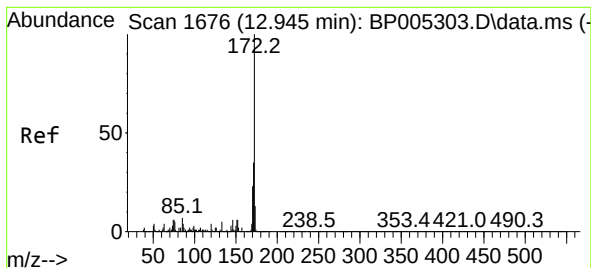
Tgt Ion:	237	Resp:	7
Ion	Ratio	Lower	Upper
237	100		
235	190.0	44.0	84.0#
272	0.0	0.0	31.7



#42
2,4,6-Tribromophenol
Concen: 152.08 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion:	330	Resp:	91046
Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	118.0
141	36.5	31.6	47.4

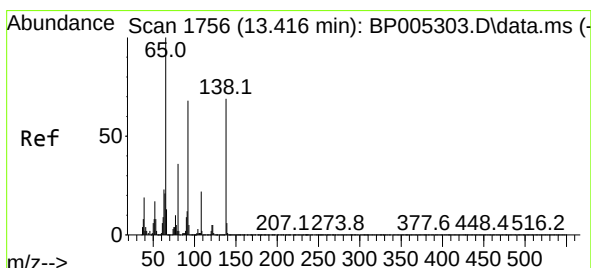
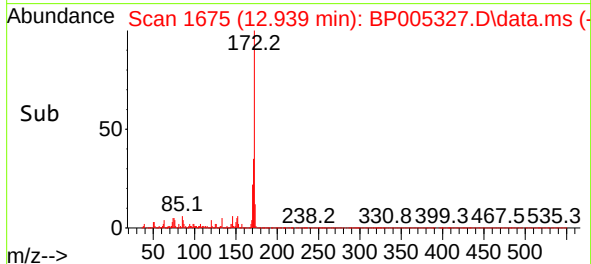
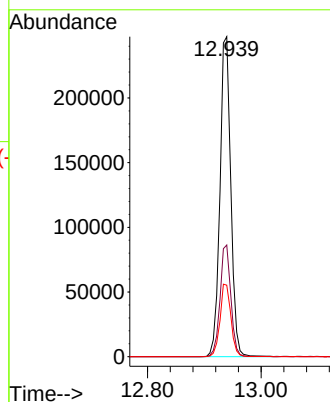
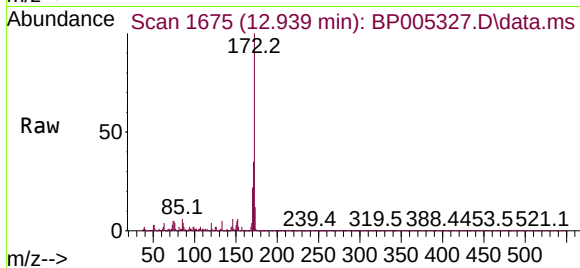




#45
2-Fluorobiphenyl
Concen: 96.68 ng
RT: 12.939 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

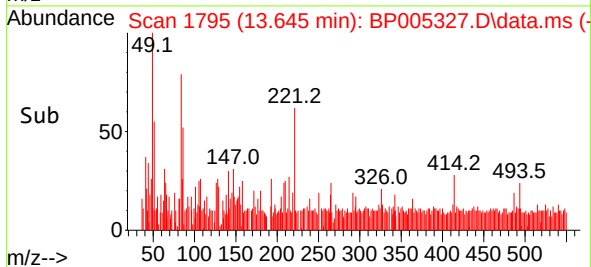
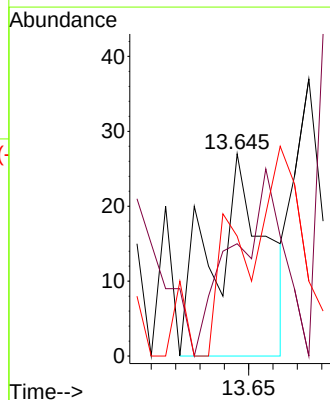
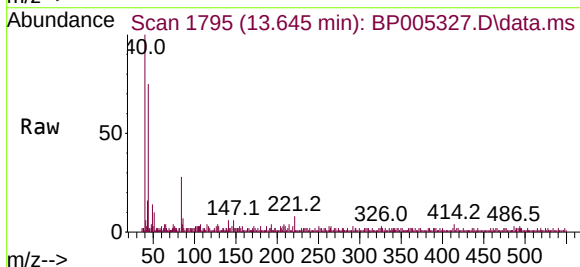
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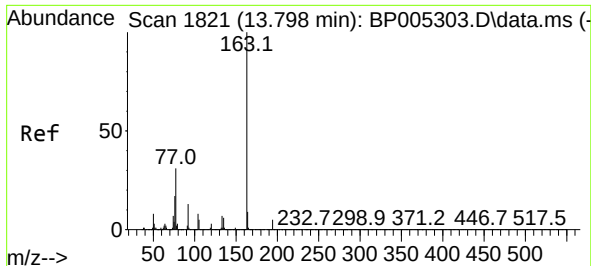
Tgt Ion:172	Resp:	327815
Ion Ratio	Lower	Upper
172	100	
171	34.9	27.8 41.8
170	22.3	18.7 28.1



#48
2-Nitroaniline
Concen: 4.09 ng
RT: 13.645 min Scan# 1795
Delta R.T. 0.235 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion: 65	Resp:	40
Ion Ratio	Lower	Upper
65	100	
92	55.6	54.6 82.0
138	59.3	55.4 83.0

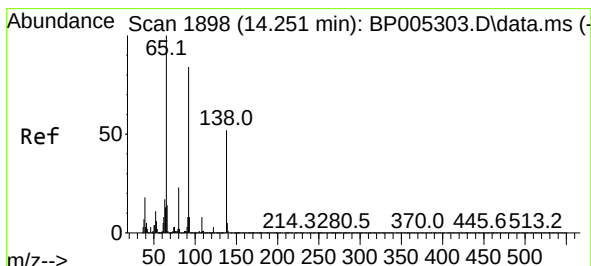
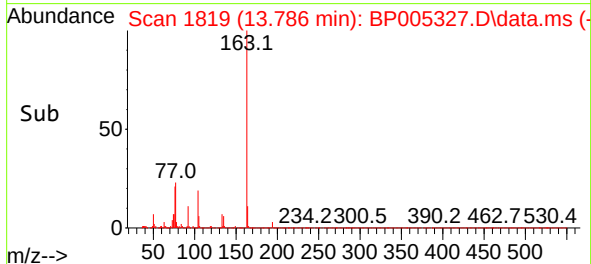
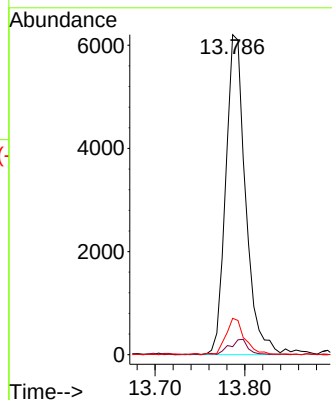
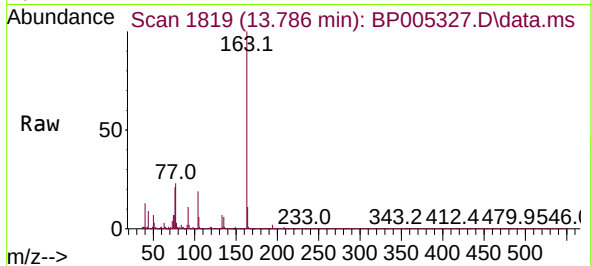




#50
Dimethylphthalate
Concen: 3.22 ng
RT: 13.786 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

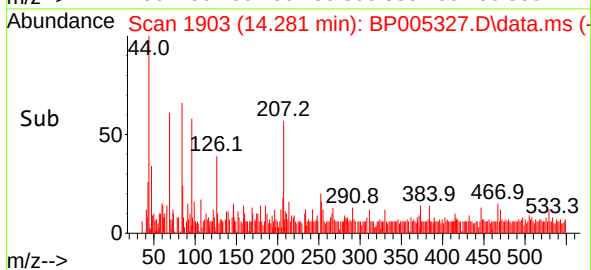
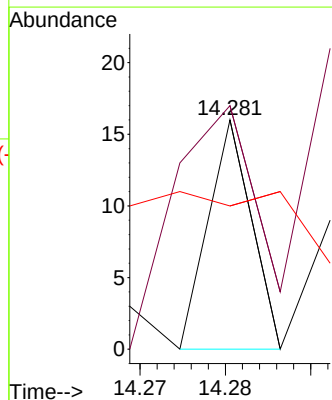
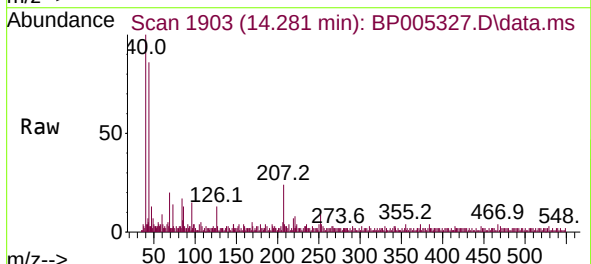
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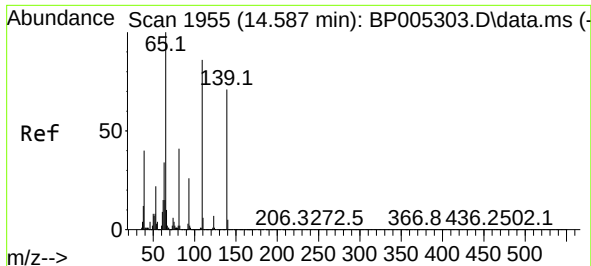
Tgt Ion:163 Resp: 9503
Ion Ratio Lower Upper
163 100
194 2.5 3.9 5.9#
164 11.4 7.2 10.8#



#53
3-Nitroaniline
Concen: 3.12 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.029 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion:138 Resp: 6
Ion Ratio Lower Upper
138 100
108 106.3 11.8 17.8#
92 62.5 129.0 193.4#

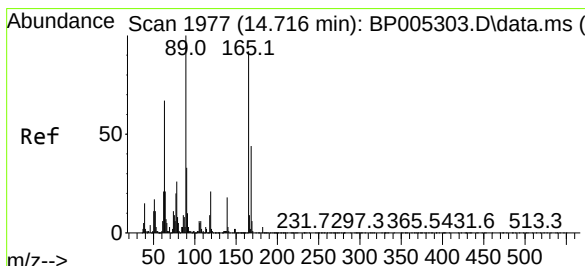
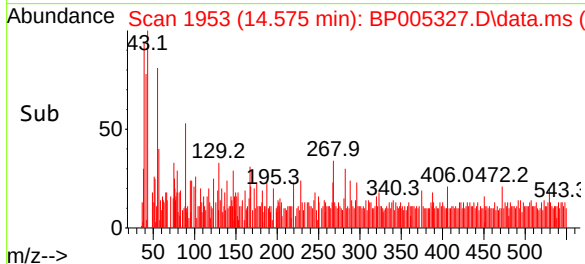
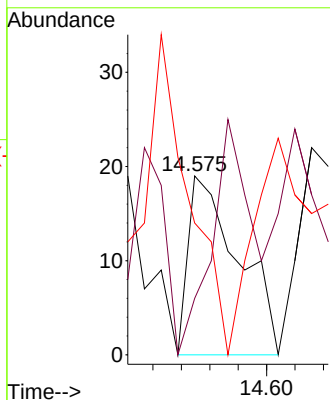
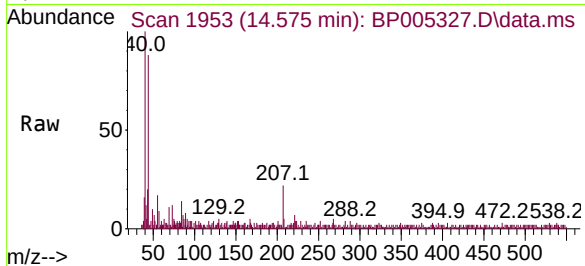




#56
4-Nitrophenol
Concen: 6.03 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

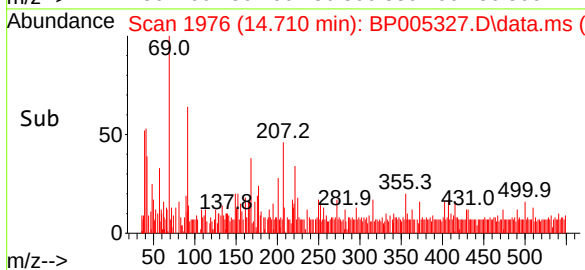
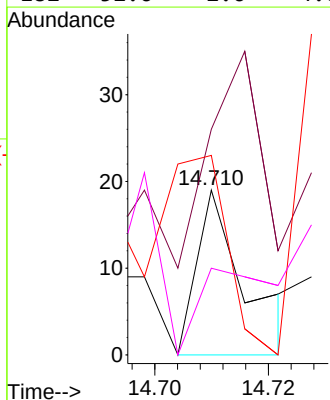
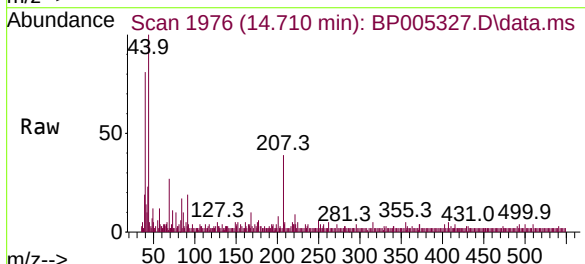
Instrument :
BNA_P
ClientSampleId :
FS-SB12A(41-42)

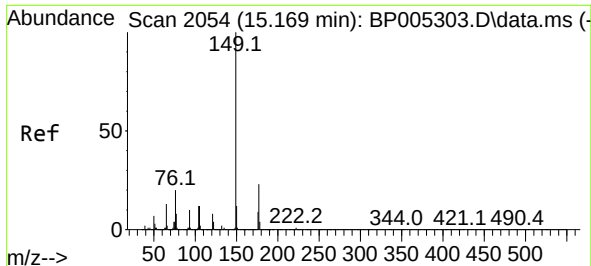
Tgt Ion:139 Resp: 23
Ion Ratio Lower Upper
139 100
109 31.6 101.8 141.8#
65 73.7 121.3 161.3#



#57
2,4-Dinitrotoluene
Concen: 3.43 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion:165 Resp: 11
Ion Ratio Lower Upper
165 100
63 136.8 58.3 87.5#
89 121.1 87.0 130.4
182 52.6 2.6 4.0#

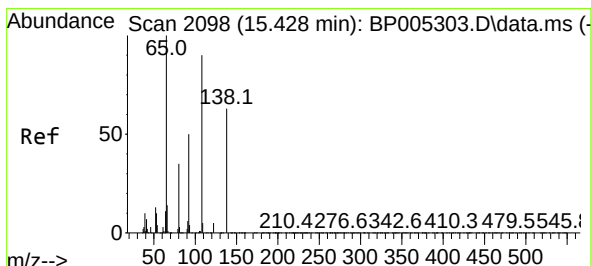
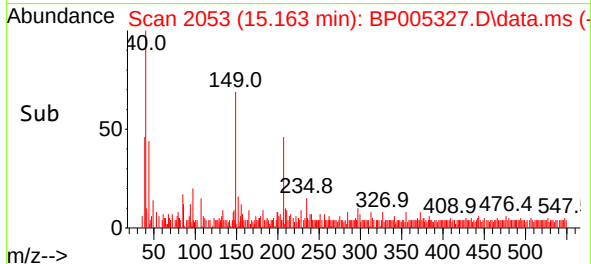
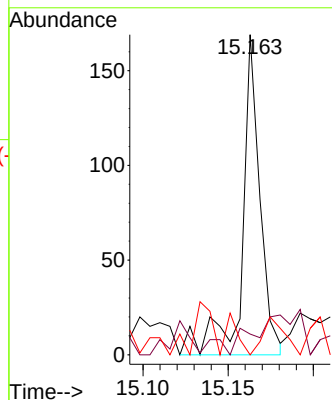
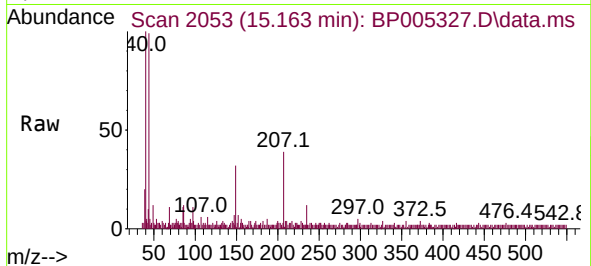




#60
Diethylphthalate
Concen: 4.17 ng
RT: 15.163 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

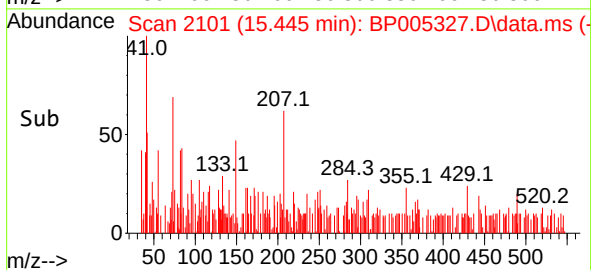
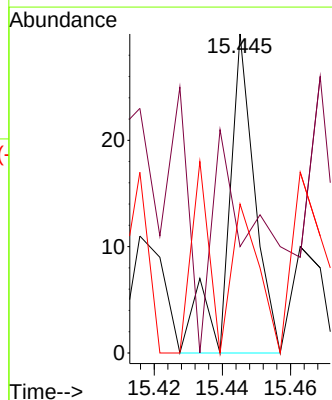
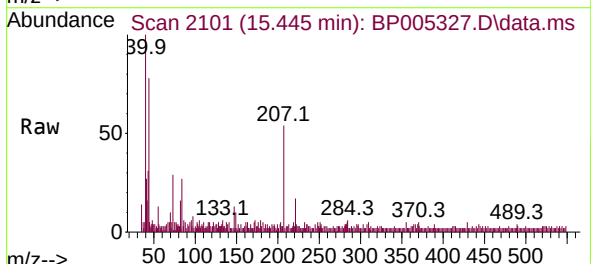
Instrument :
BNA_P
ClientSampleId :
FS-SB12A(41-42)

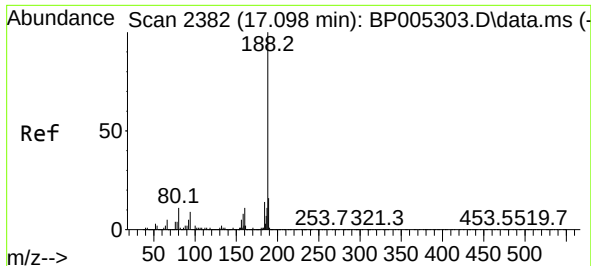
Tgt Ion:149 Resp: 124
Ion Ratio Lower Upper
149 100
177 6.5 18.6 27.8#
150 0.0 9.8 14.8#



#62
4-Nitroaniline
Concen: 3.95 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.023 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion:138 Resp: 17
Ion Ratio Lower Upper
138 100
92 33.3 57.0 97.0#
108 46.7 115.8 155.8#

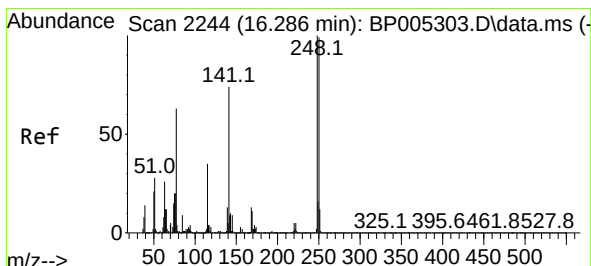
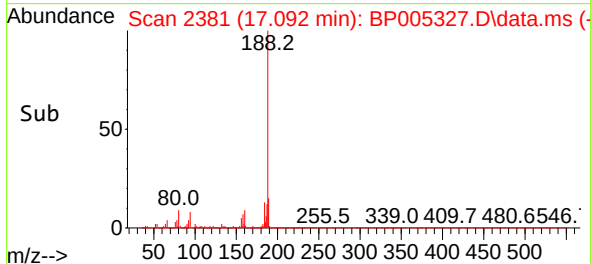
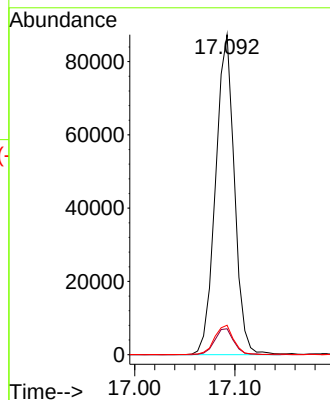
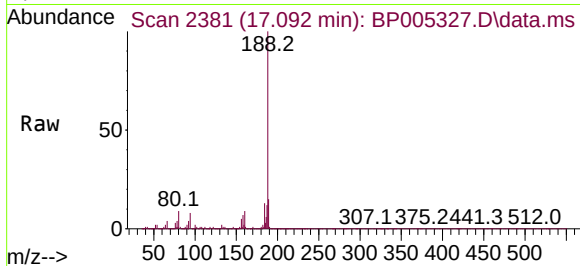




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

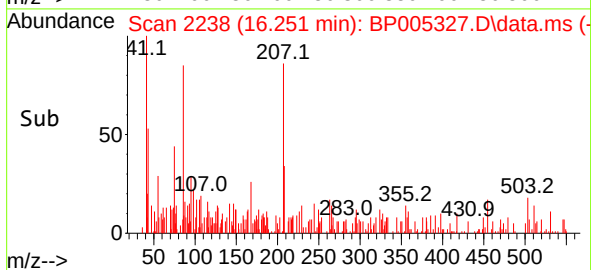
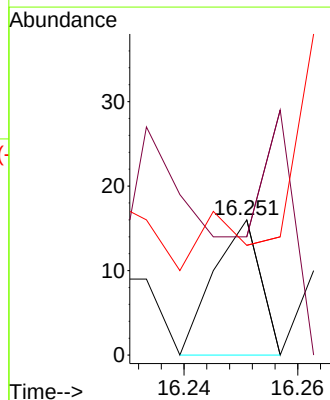
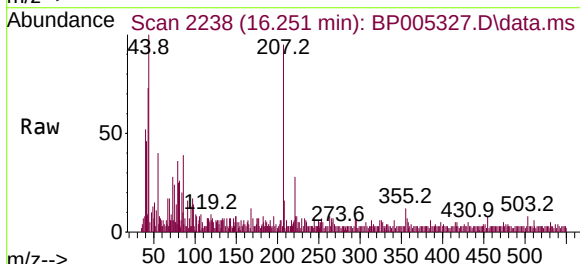
Instrument :
BNA_P
ClientSampleId :
FS-SB12A(41-42)

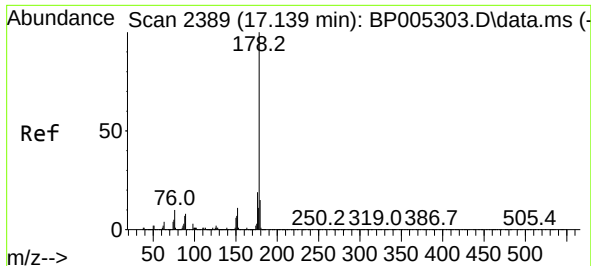
Tgt Ion:188	Resp:	113884
Ion Ratio	Lower	Upper
188	100	
94	8.1	7.0 10.6
80	9.2	8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 16.251 min Scan# 2238
Delta R.T. -0.030 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion:248	Resp:	9
Ion Ratio	Lower	Upper
248	100	
250	87.5	79.0 118.6
141	81.3	59.0 88.4

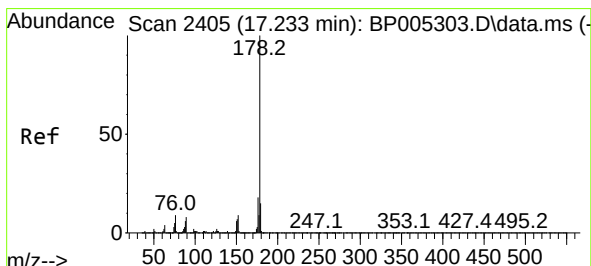
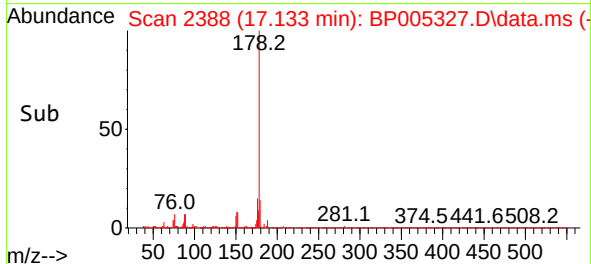
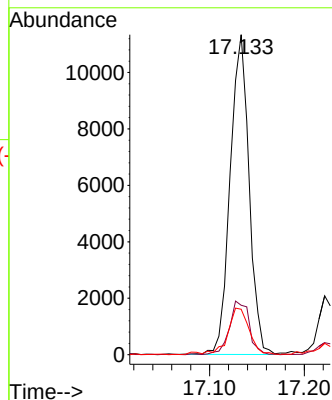
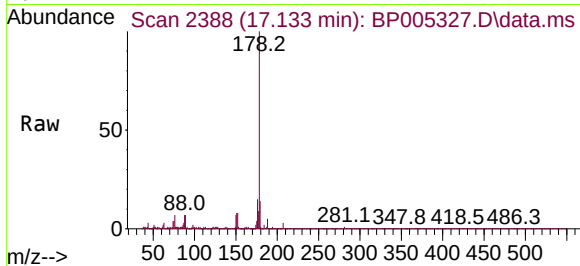




#71
Phenanthrene
Concen: 2.31 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

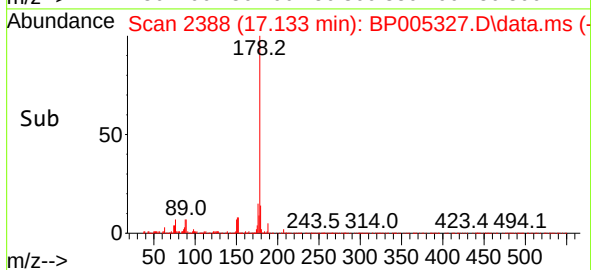
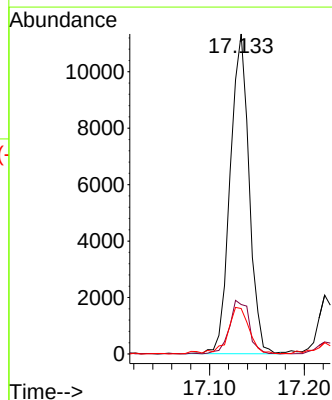
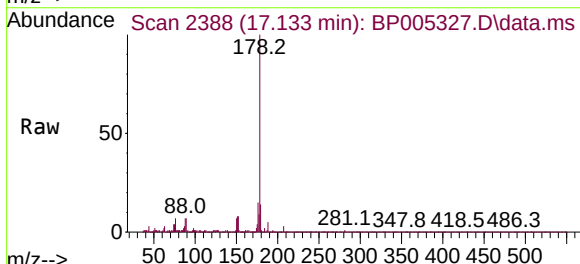
Instrument :
BNA_P
ClientSampleId :
FS-SB12A(41-42)

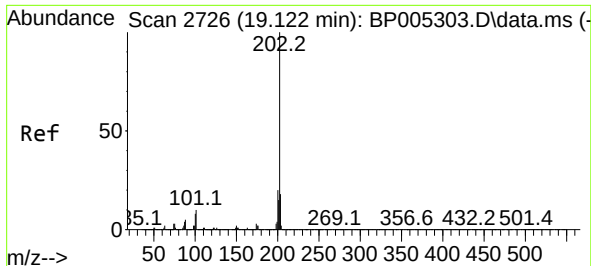
Tgt Ion:178	Resp:	15716
Ion Ratio	Lower	Upper
178	100	
176	15.5	14.9 22.3
179	14.2	11.8 17.6



#72
Anthracene
Concen: 2.49 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.094 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion:178	Resp:	15716
Ion Ratio	Lower	Upper
178	100	
176	15.5	14.3 21.5
179	14.2	12.0 18.0

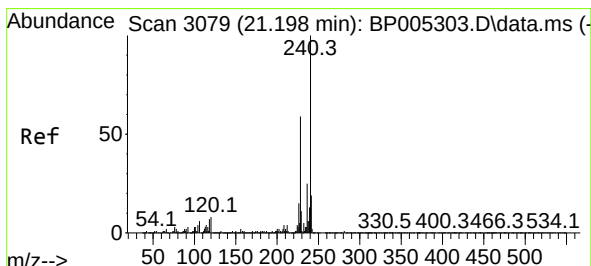
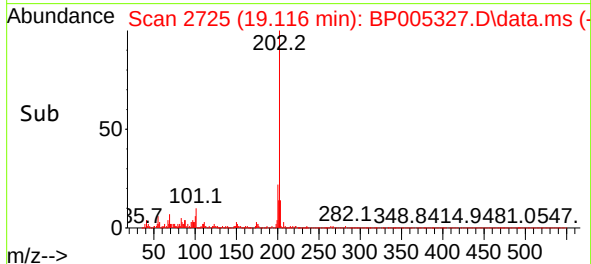
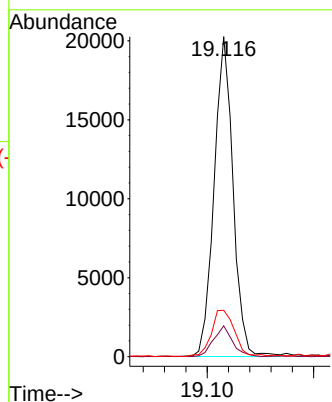
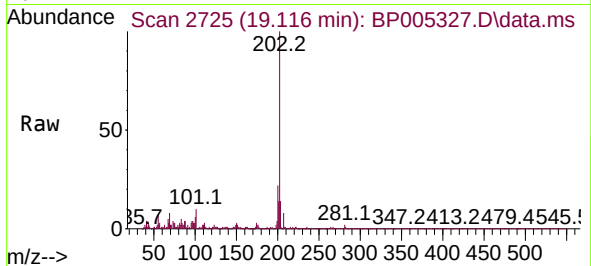




#75
Fluoranthene
Concen: 3.11 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

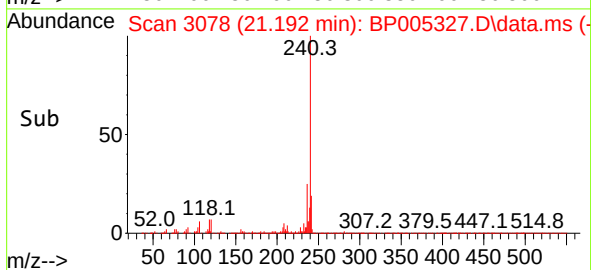
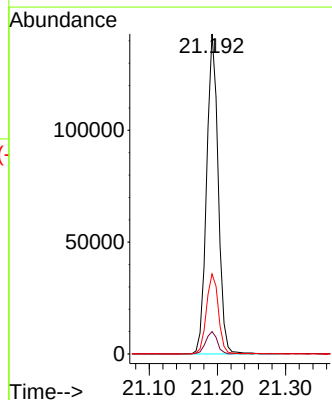
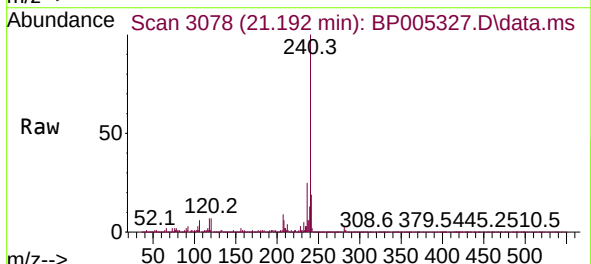
Instrument :
BNA_P
ClientSampleId :
FS-SB12A(41-42)

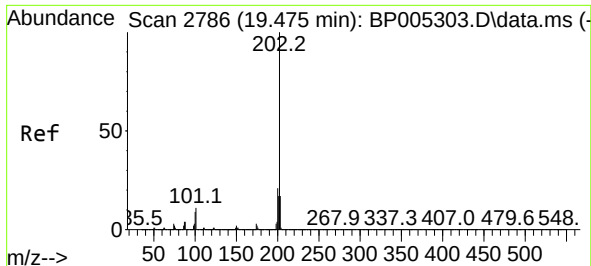
Tgt Ion:	202	Resp:	24890
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.6
203	14.5	0.0	37.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion:	240	Resp:	169365
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.5	9.7
236	25.0	19.8	29.6

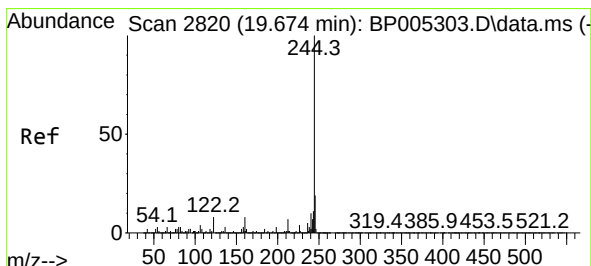
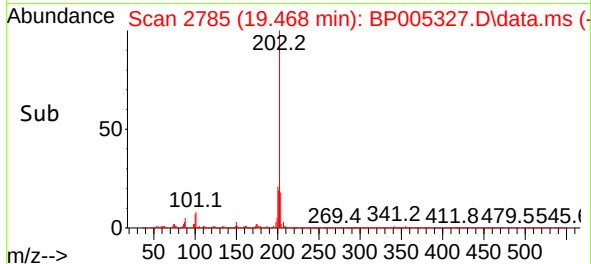
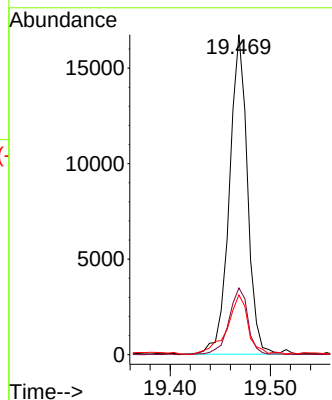
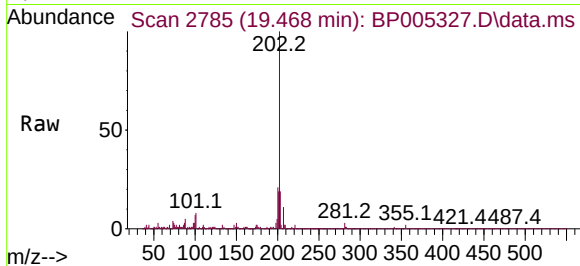




#78
Pyrene
Concen: 2.17 ng
RT: 19.468 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

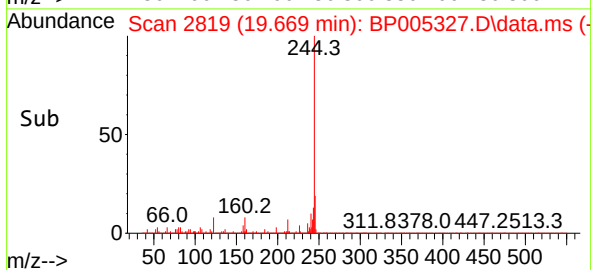
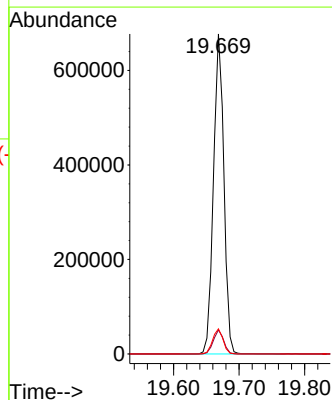
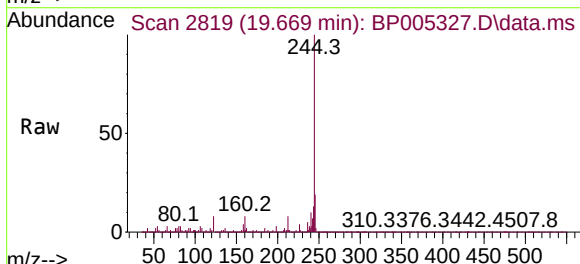
Instrument :
BNA_P
ClientSampleId :
FS-SB12A(41-42)

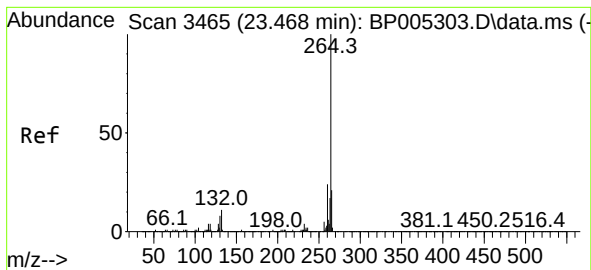
Tgt Ion:	202	Resp:	20974
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.5	24.7
203	18.6	13.9	20.9



#79
Terphenyl-d14
Concen: 86.98 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005327.D
Acq: 16 Apr 2021 19:56

Tgt Ion:	244	Resp:	745814
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.8	8.6
122	7.9	6.7	10.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.462 min Scan# 3464
 Delta R.T. -0.000 min
 Lab File: BP005327.D
 Acq: 16 Apr 2021 19:56

Instrument :
 BNA_P
 ClientSampleId :
 FS-SB12A(41-42)

Tgt Ion:	264	Resp:	171914
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.0	28.6
265	23.1	17.0	25.6

