

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008136.D
 Acq On : 29 Nov 2021 12:01
 Operator : CG/JU
 Sample : M4815-05DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-8DL

Quant Time: Nov 29 12:26:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

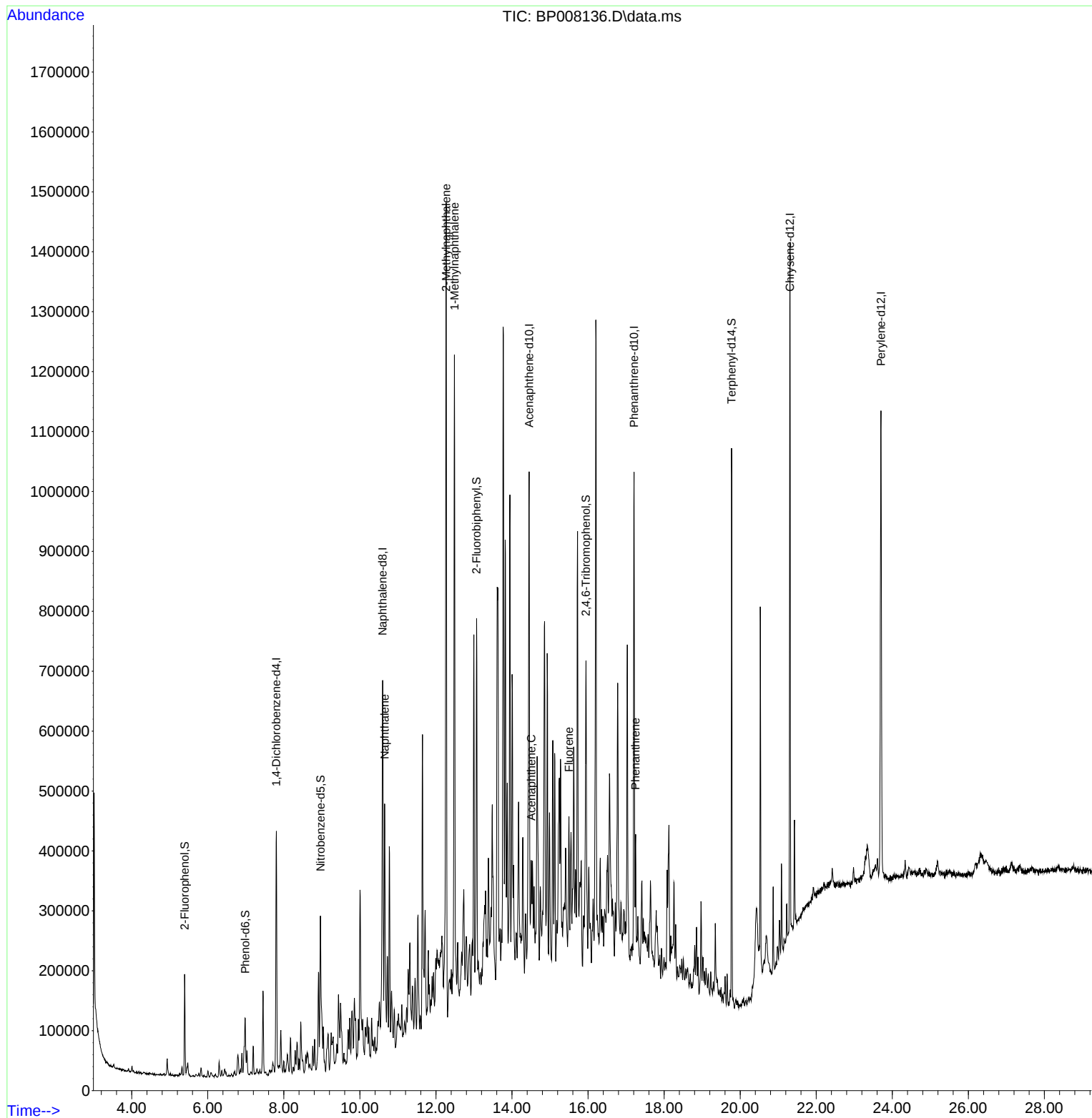
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	100719	20.000	ng	-0.01
21) Naphthalene-d8	10.599	136	365895	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	228992	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	485555	20.000	ng	0.00
76) Chrysene-d12	21.310	240	551061	20.000	ng	0.00
86) Perylene-d12	23.704	264	615854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	66974	10.706	ng	-0.01
7) Phenol-d6	6.987	99	49358	5.845	ng	-0.01
23) Nitrobenzene-d5	8.963	82	144594	17.970	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	71157	24.311	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	297121	18.847	ng	-0.01
79) Terphenyl-d14	19.775	244	433111	16.426	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.651	128	213230	11.376	ng	97
37) 2-Methylnaphthalene	12.269	142	552608	41.685	ng	99
38) 1-Methylnaphthalene	12.487	142	436740	33.846	ng	99
52) Acenaphthene	14.510	154	29797	2.470	ng	95
58) Fluorene	15.498	166	49058	2.929	ng	# 90
71) Phenanthrene	17.251	178	109195	4.259	ng	99

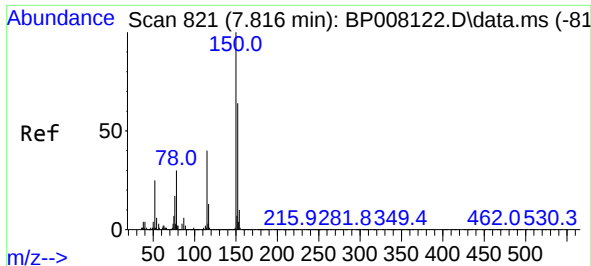
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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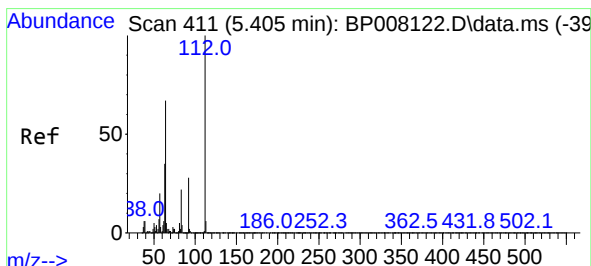
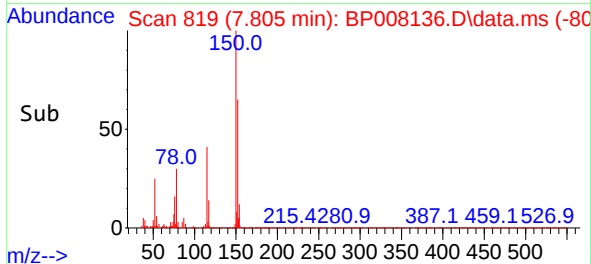
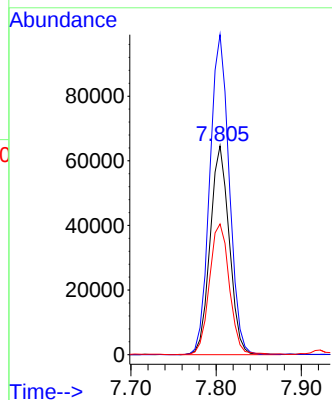
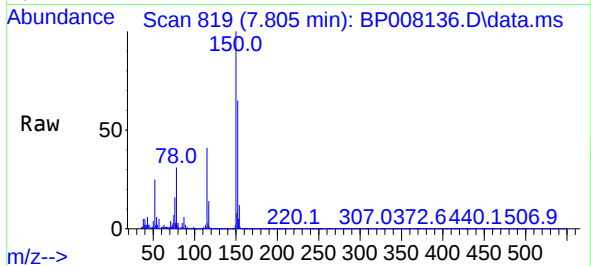




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

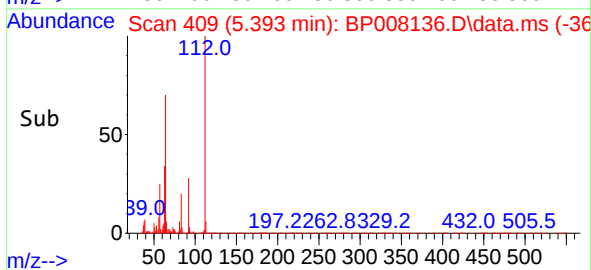
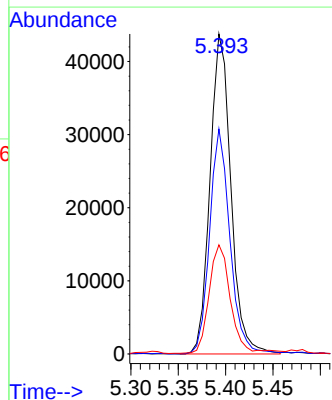
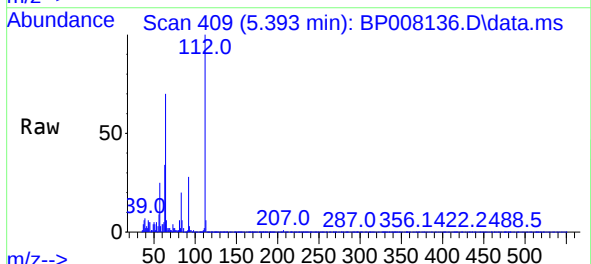
Instrument :
BNA_P
ClientSampleId :
MW-8DL

Tgt Ion:152 Resp: 100719
Ion Ratio Lower Upper
152 100
150 153.3 125.7 188.5
115 62.7 50.7 76.1



#5
2-Fluorophenol
Concen: 10.706 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:112 Resp: 66974
Ion Ratio Lower Upper
112 100
64 70.3 53.4 80.2
63 34.1 27.8 41.8

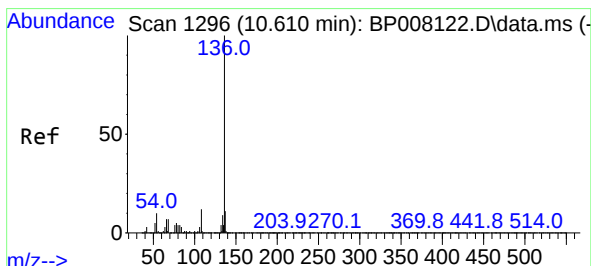
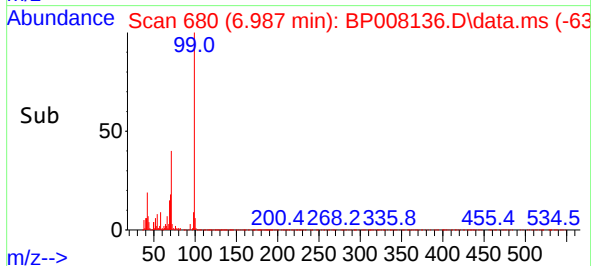
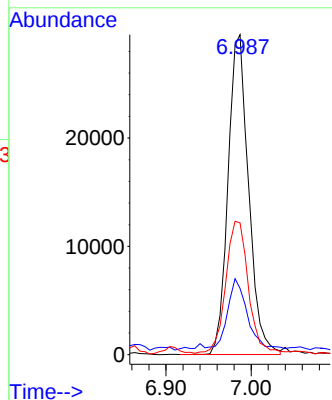
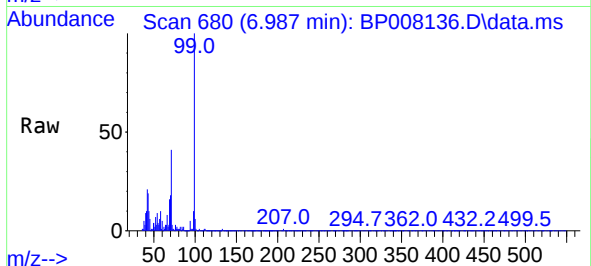




#7
Phenol-d6
Concen: 5.845 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

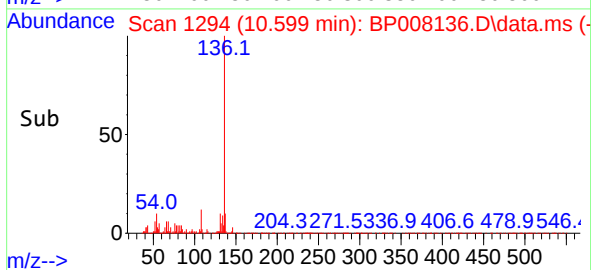
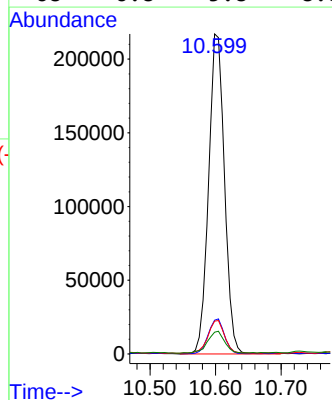
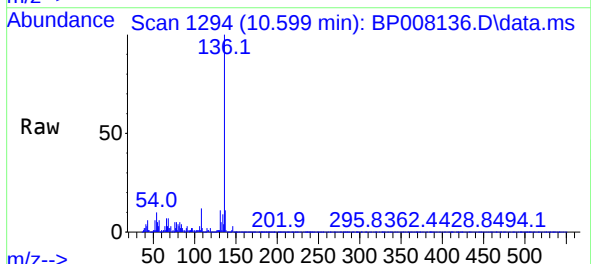
Instrument :
BNA_P
ClientSampleId :
MW-8DL

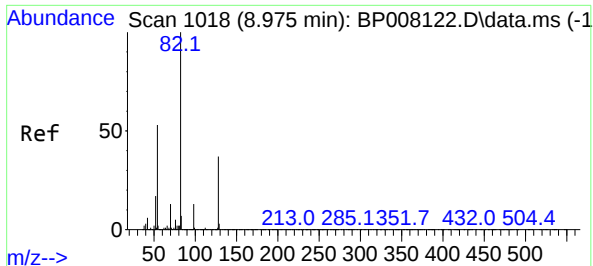
Tgt Ion: 99 Resp: 49358
Ion Ratio Lower Upper
99 100
42 20.7 14.6 22.0
71 41.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:136 Resp: 365895
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.2 8.2 12.4
68 6.8 5.8 8.8





#23

Nitrobenzene-d5

Concen: 17.970 ng

RT: 8.963 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008136.D

Acq: 29 Nov 2021 12:01

Instrument :

BNA_P

ClientSampleId :

MW-8DL

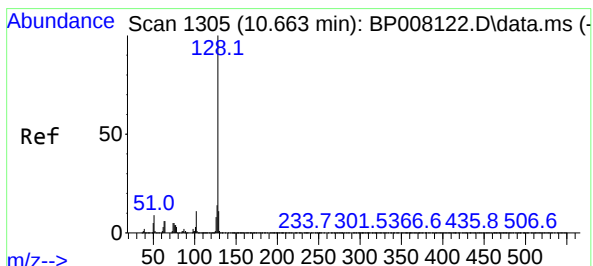
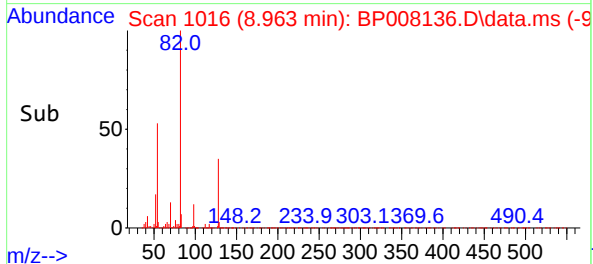
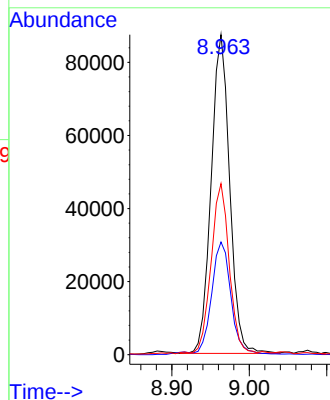
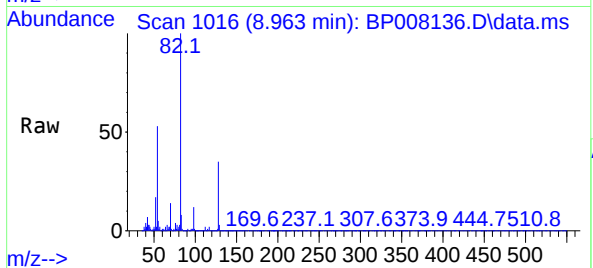
Tgt Ion: 82 Resp: 144594

Ion Ratio Lower Upper

82 100

128 35.2 29.6 44.4

54 53.5 42.7 64.1



#31

Naphthalene

Concen: 11.376 ng

RT: 10.651 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BP008136.D

Acq: 29 Nov 2021 12:01

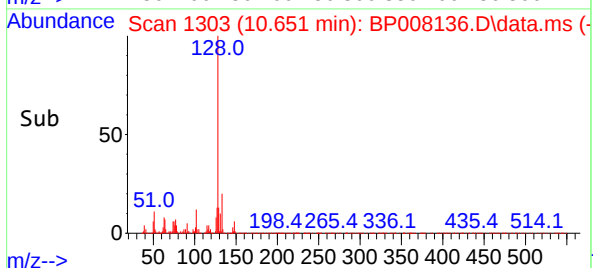
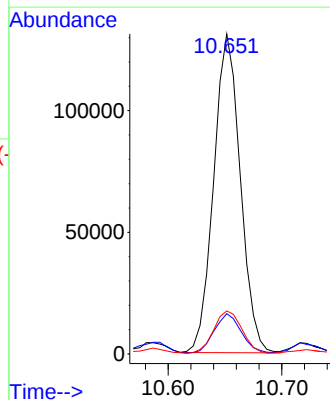
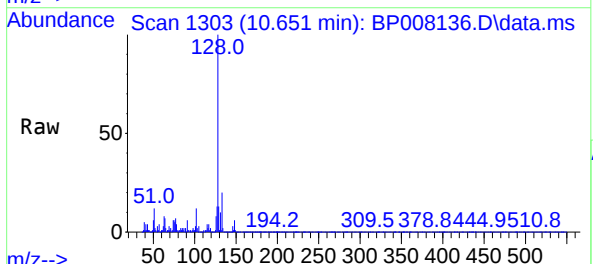
Tgt Ion: 128 Resp: 213230

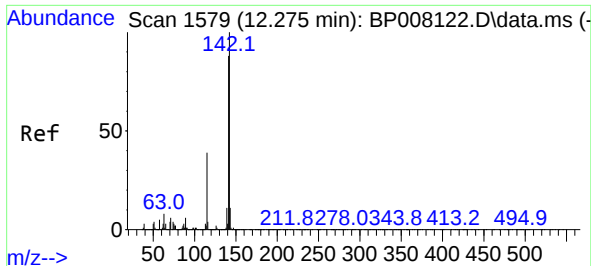
Ion Ratio Lower Upper

128 100

129 12.6 8.5 12.7

127 13.4 10.9 16.3

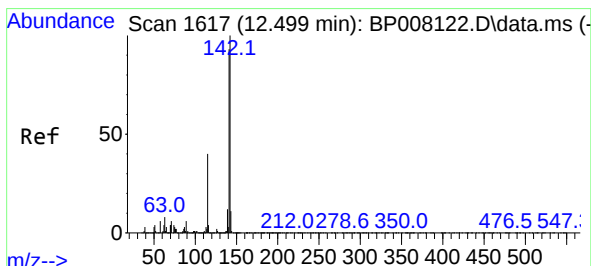
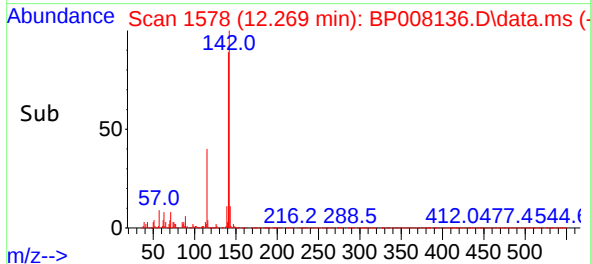
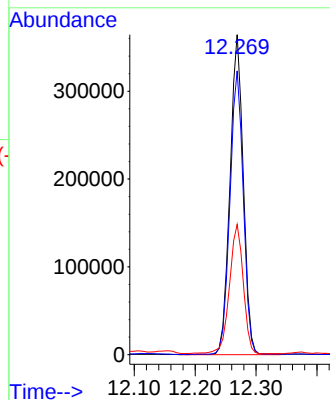
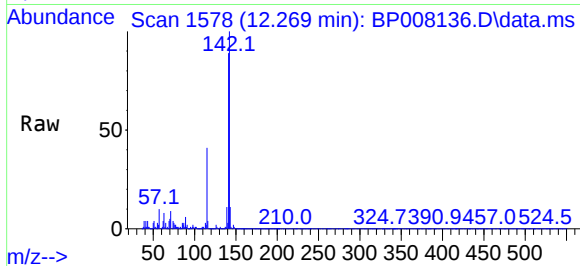




#37
2-Methylnaphthalene
Concen: 41.685 ng
RT: 12.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

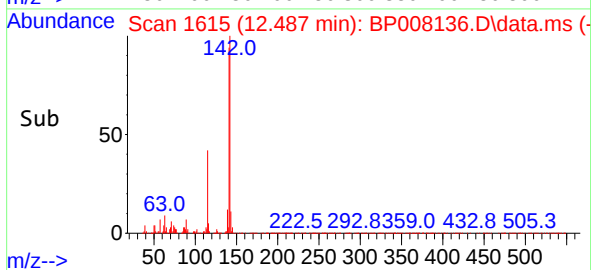
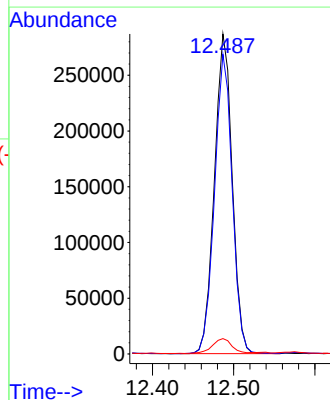
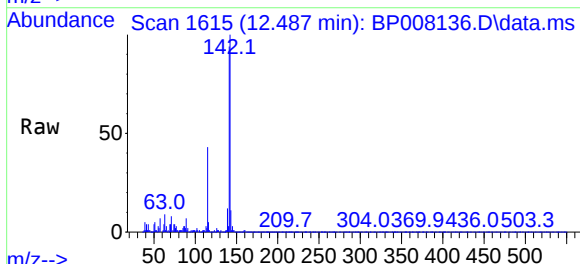
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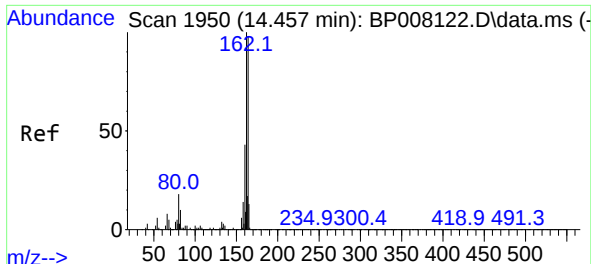
Tgt Ion:142 Resp: 552608
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1
115 40.7 30.9 46.3



#38
1-Methylnaphthalene
Concen: 33.846 ng
RT: 12.487 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:142 Resp: 436740
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4
116 4.8 3.4 5.2

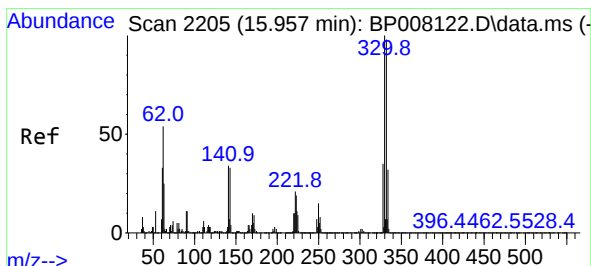
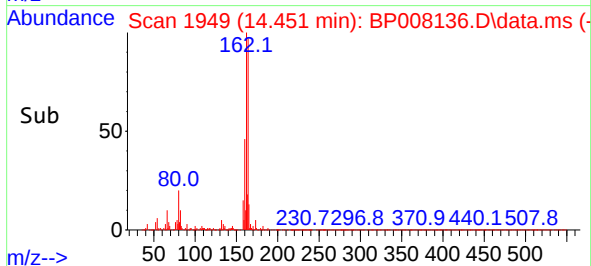
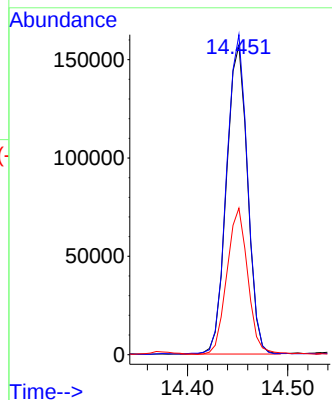
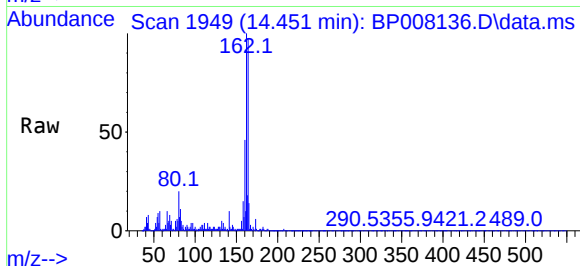




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

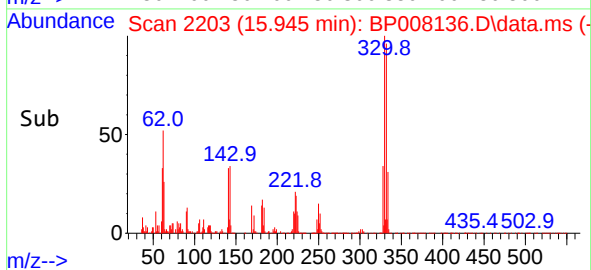
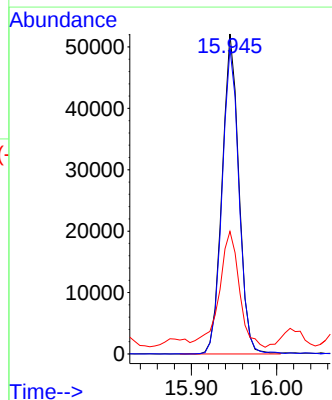
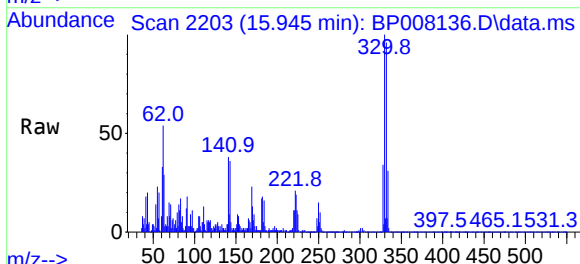
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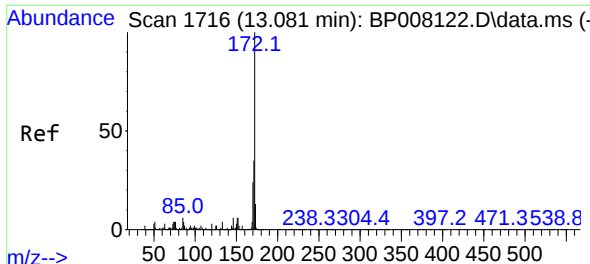
Tgt Ion:164 Resp: 228992
Ion Ratio Lower Upper
164 100
162 103.4 81.9 122.9
160 47.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 24.311 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:330 Resp: 71157
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 43.6 28.4 42.6#

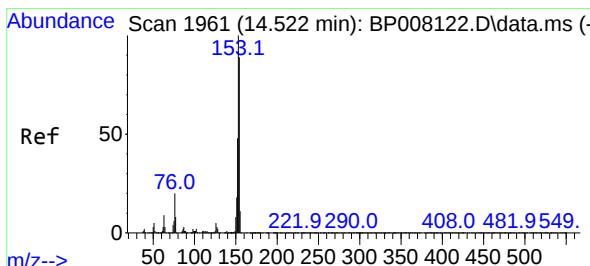
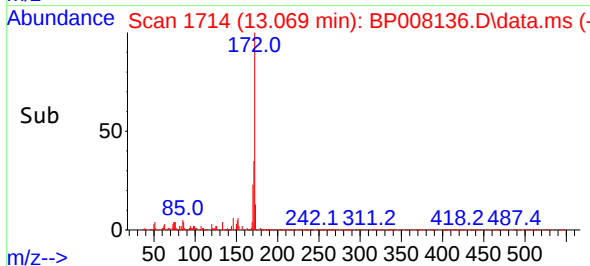
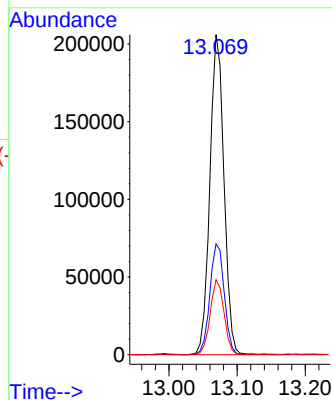
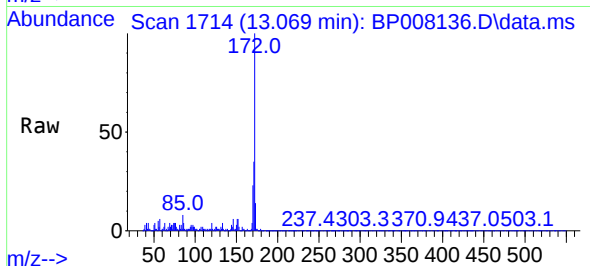




#45
2-Fluorobiphenyl
Concen: 18.847 ng
RT: 13.069 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

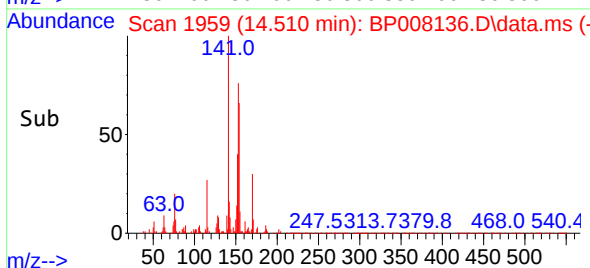
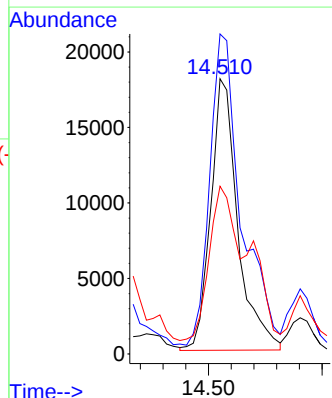
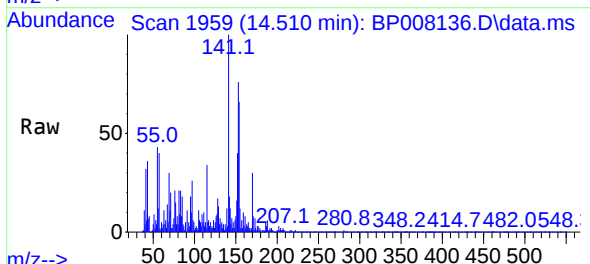
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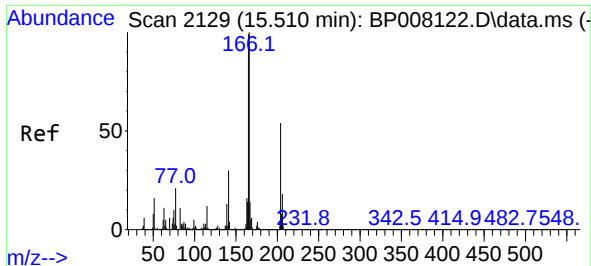
Tgt Ion:172	Resp:	297121	
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	23.4	18.9	28.3



#52
Acenaphthene
Concen: 2.470 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:154	Resp:	29797	
Ion	Ratio	Lower	Upper
154	100		
153	116.3	90.3	135.5
152	60.9	43.3	64.9

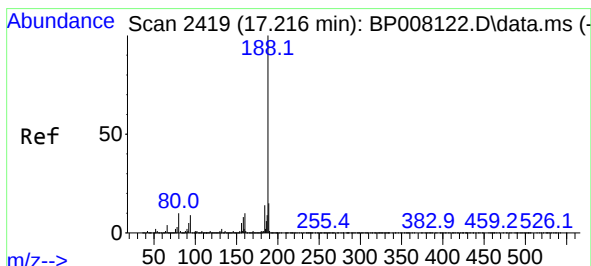
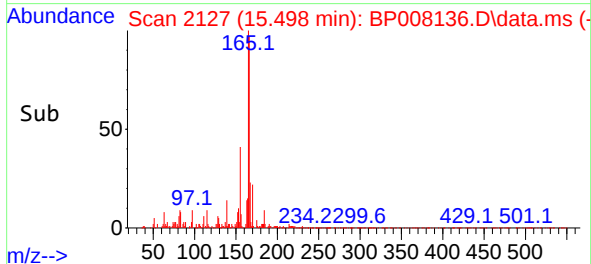
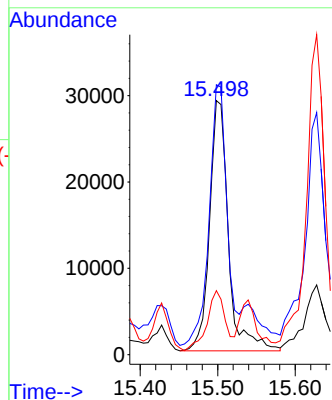
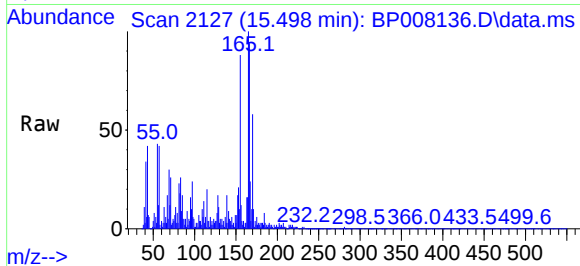




#58
Fluorene
Concen: 2.929 ng
RT: 15.498 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

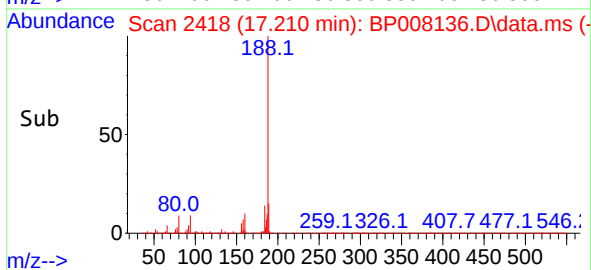
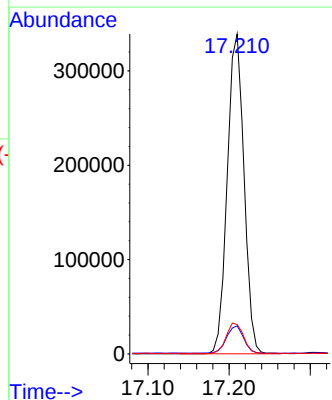
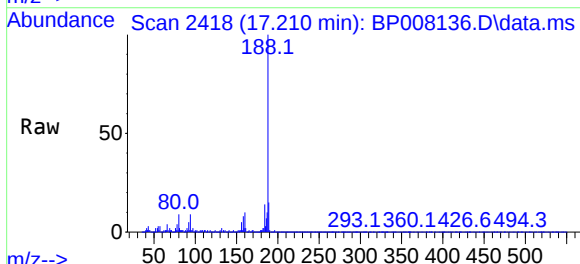
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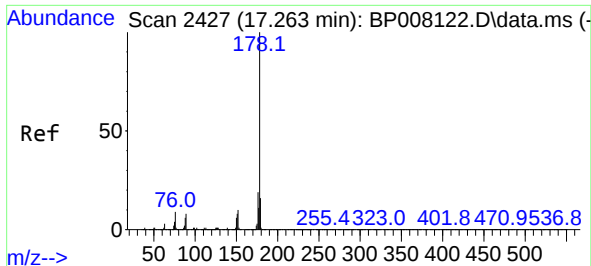
Tgt Ion:166 Resp: 49058
Ion Ratio Lower Upper
166 100
165 106.2 79.4 119.2
167 25.2 10.9 16.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:188 Resp: 485555
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.2 8.2 12.4

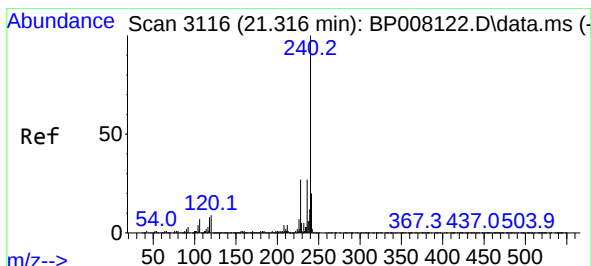
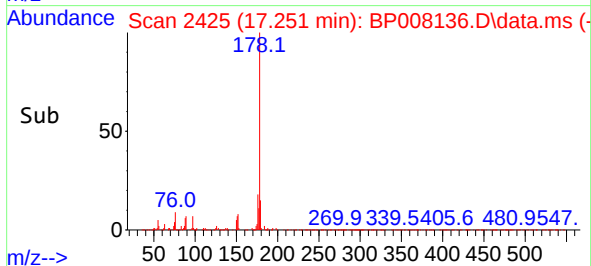
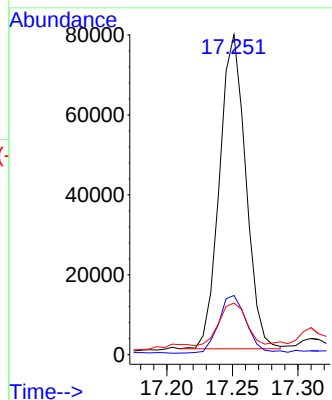
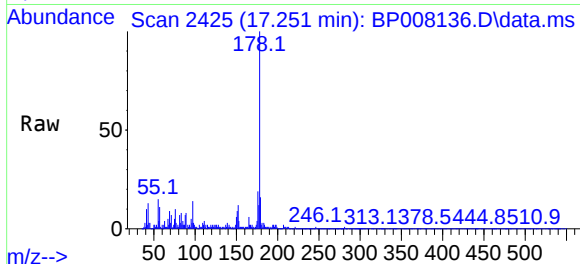




#71
Phenanthrene
Concen: 4.259 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

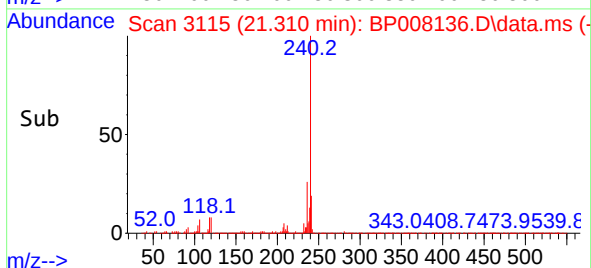
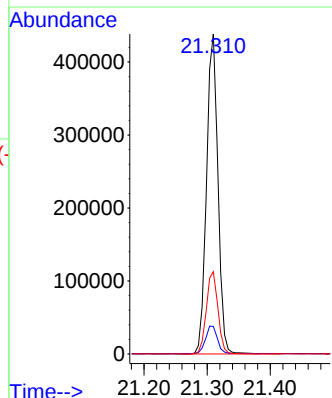
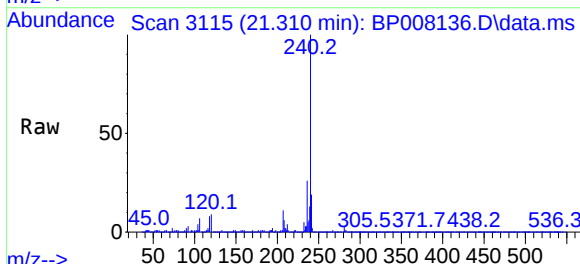
Instrument :
BNA_P
ClientSampleId :
MW-8DL

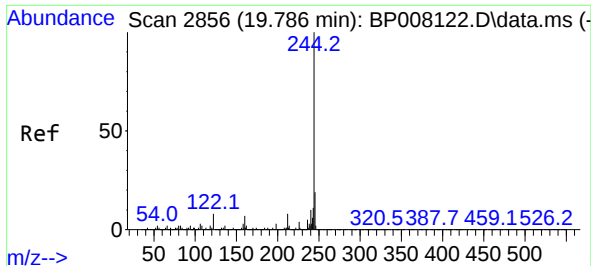
Tgt Ion:178 Resp: 109195
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 16.1 12.5 18.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:240 Resp: 551061
Ion Ratio Lower Upper
240 100
120 8.6 7.3 10.9
236 25.7 21.4 32.2

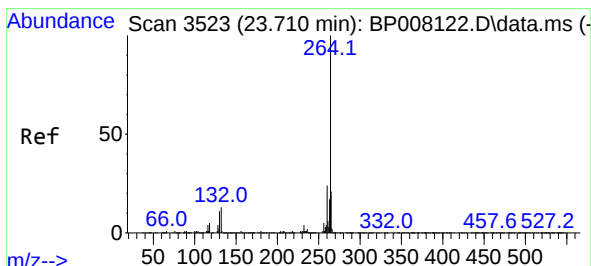
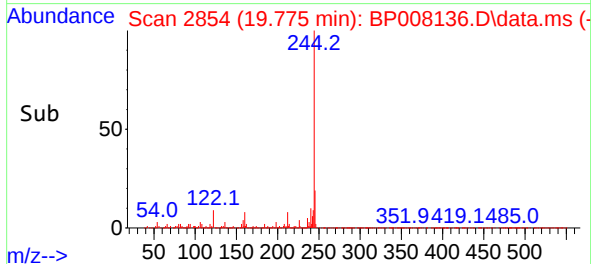
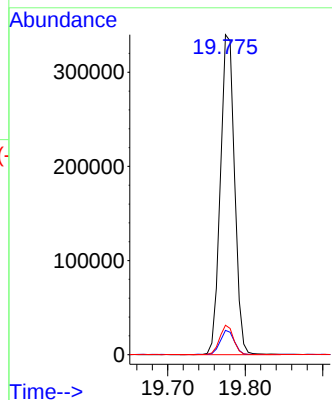
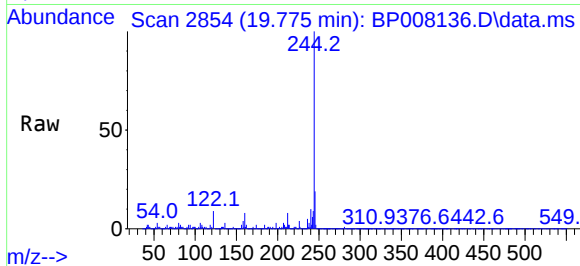




#79
 Terphenyl-d14
 Concen: 16.426 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008136.D
 Acq: 29 Nov 2021 12:01

Instrument :
 BNA_P
 ClientSampleId :
 MW-8DL

Tgt Ion:	244	Resp:	433111
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	9.2	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 3522
 Delta R.T. -0.006 min
 Lab File: BP008136.D
 Acq: 29 Nov 2021 12:01

Tgt Ion:	264	Resp:	615854
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.9	17.6	26.4

