

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008137.D
 Acq On : 29 Nov 2021 12:35
 Operator : CG/JU
 Sample : M4815-02DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-5DL

Quant Time: Nov 29 12:59:49 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)

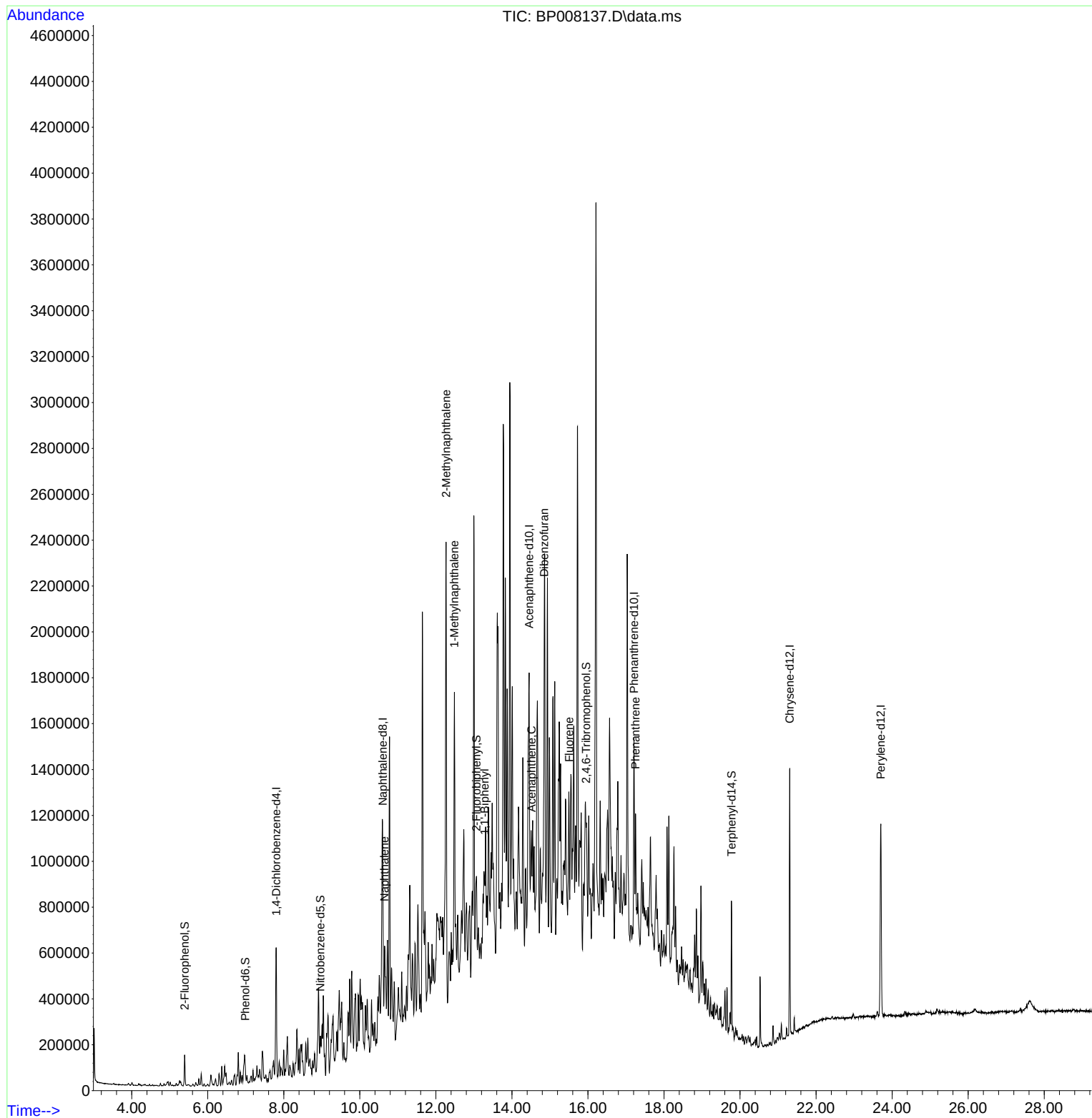
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	105239	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	381429	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	237111	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	498750	20.000	ng	0.00
76) Chrysene-d12	21.310	240	587898	20.000	ng	0.00
86) Perylene-d12	23.704	264	657757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	39566	6.053	ng	-0.01
7) Phenol-d6	6.987	99	31594	3.581	ng	-0.01
23) Nitrobenzene-d5	8.963	82	83823	9.993	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	38703	12.770	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	154335	9.455	ng	-0.01
79) Terphenyl-d14	19.774	244	245828	8.739	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.651	128	110346	5.647	ng	# 91
37) 2-Methylnaphthalene	12.269	142	735139	53.195	ng	98
38) 1-Methylnaphthalene	12.487	142	488679	36.328	ng	99
46) 1,1'-Biphenyl	13.281	154	34985	2.034	ng	99
52) Acenaphthene	14.516	154	49170	3.937	ng	93
55) Dibenzofuran	14.851	168	57459	2.692	ng	# 1
58) Fluorene	15.504	166	80506	4.642	ng	# 85
71) Phenanthrene	17.251	178	290775	11.042	ng	96

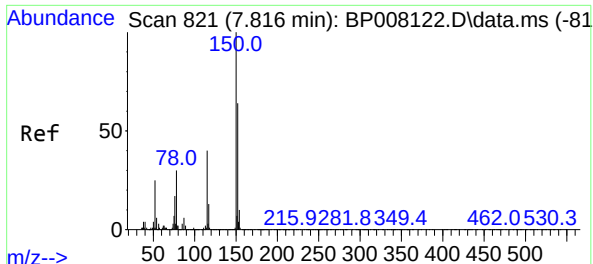
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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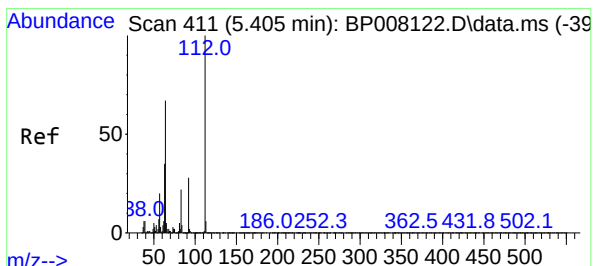
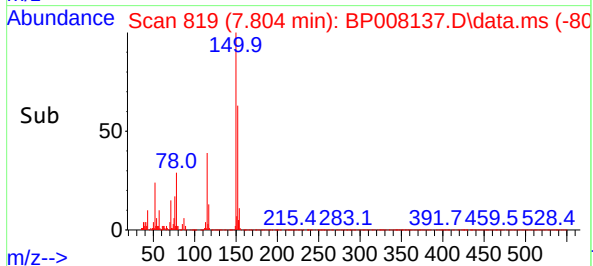
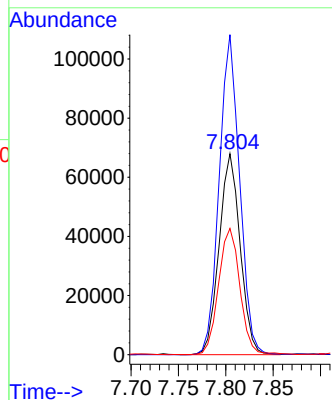
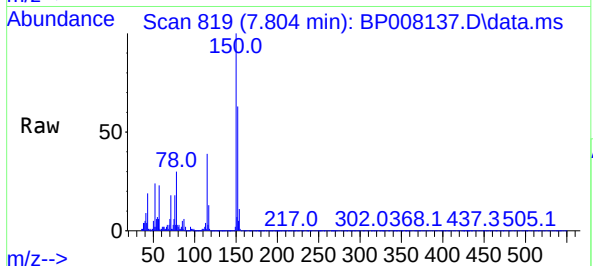




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

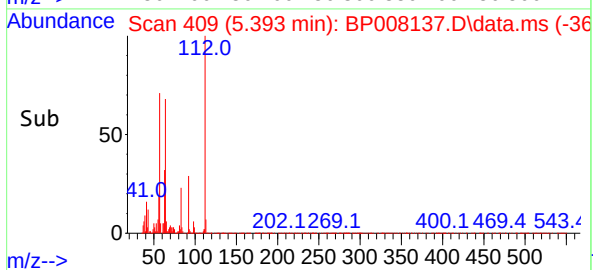
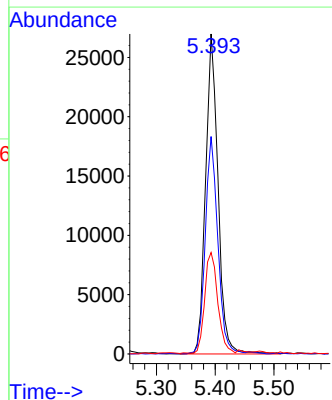
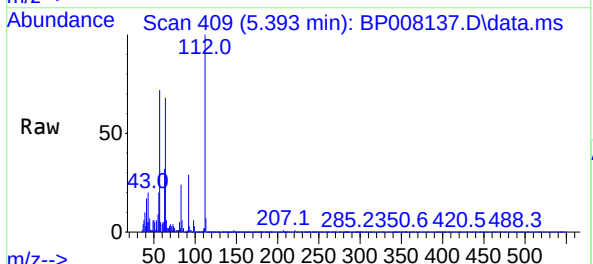
Instrument :
BNA_P
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MW-5DL

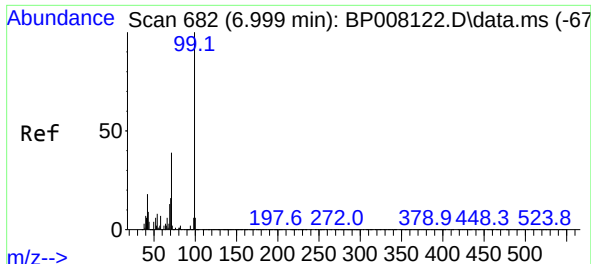
Tgt Ion:152 Resp: 105239
Ion Ratio Lower Upper
152 100
150 159.2 125.7 188.5
115 62.9 50.7 76.1



#5
2-Fluorophenol
Concen: 6.053 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion:112 Resp: 39566
Ion Ratio Lower Upper
112 100
64 67.9 53.4 80.2
63 31.7 27.8 41.8

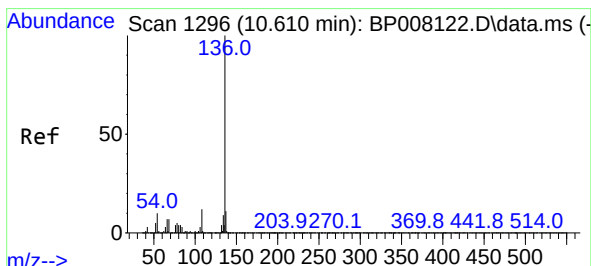
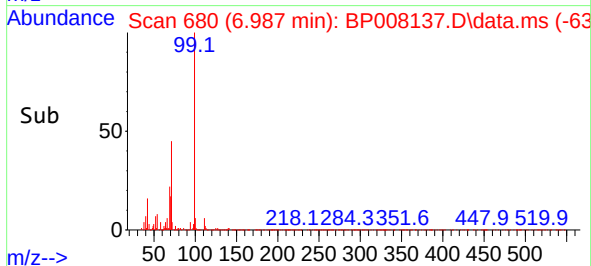
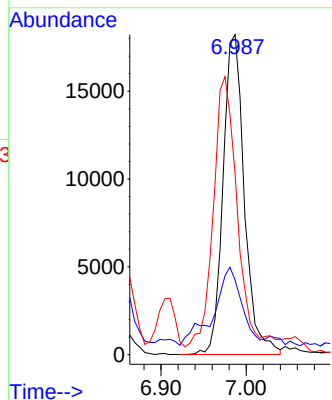
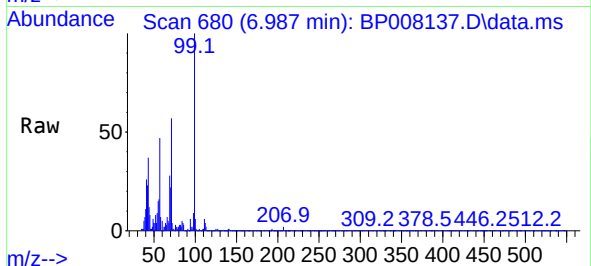




#7
Phenol-d6
Concen: 3.581 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

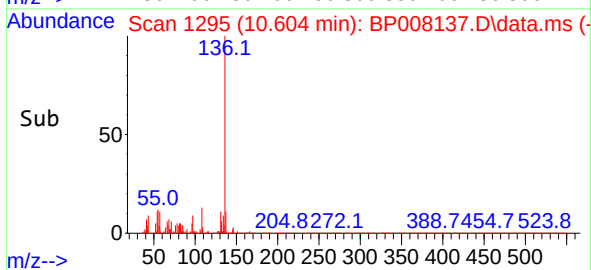
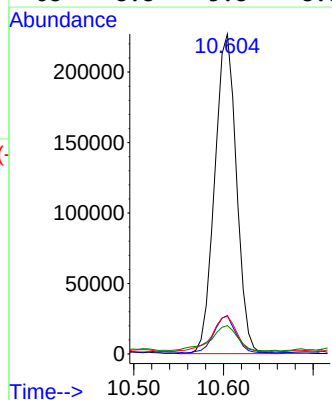
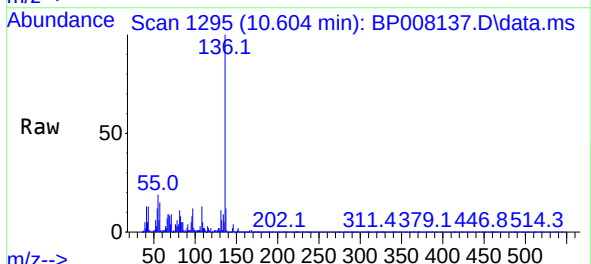
Instrument :
BNA_P
ClientSampleId :
MW-5DL

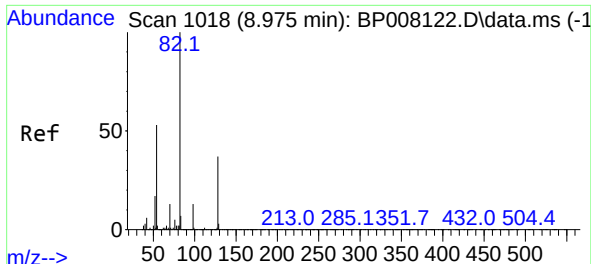
Tgt Ion: 99 Resp: 31594
Ion Ratio Lower Upper
99 100
42 23.3 14.6 22.0#
71 56.6 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion:136 Resp: 381429
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 11.8 8.2 12.4
68 8.8 5.8 8.8#

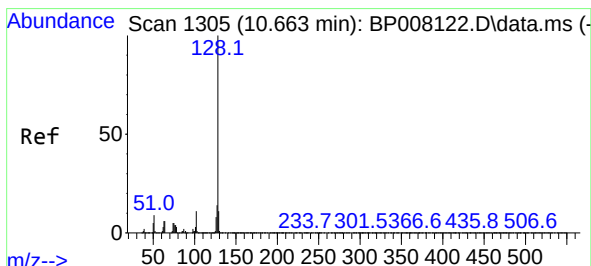
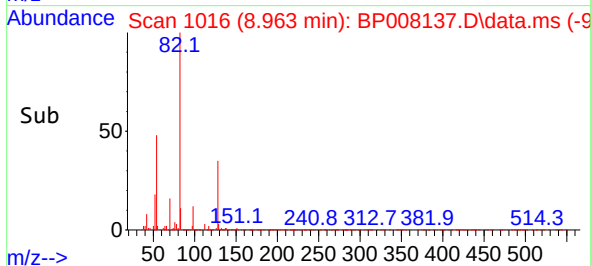
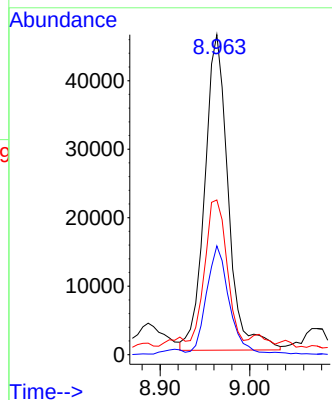
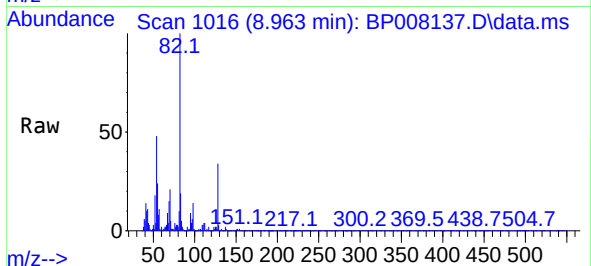




#23
Nitrobenzene-d5
Concen: 9.993 ng
RT: 8.963 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

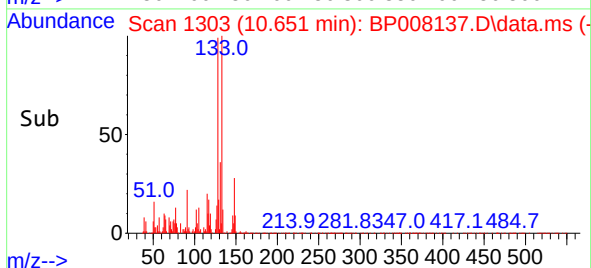
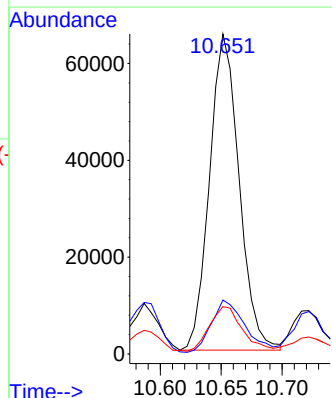
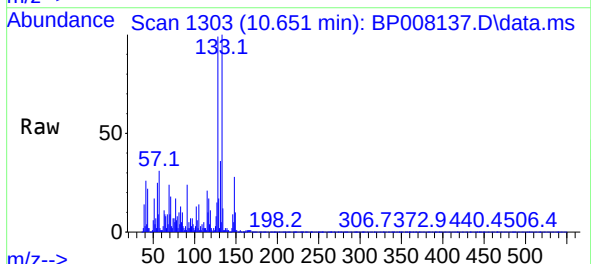
Instrument :
BNA_P
ClientSampleId :
MW-5DL

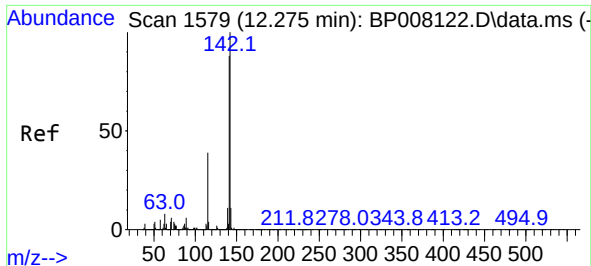
Tgt Ion: 82 Resp: 83823
Ion Ratio Lower Upper
82 100
128 34.0 29.6 44.4
54 48.4 42.7 64.1



#31
Naphthalene
Concen: 5.647 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion: 128 Resp: 110346
Ion Ratio Lower Upper
128 100
129 16.9 8.5 12.7#
127 14.8 10.9 16.3

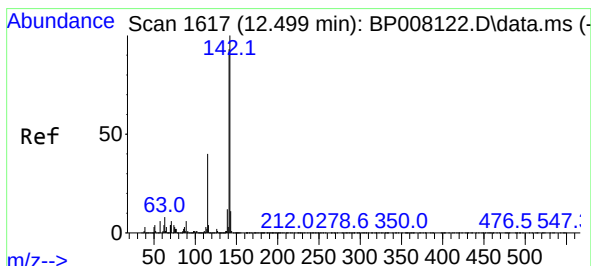
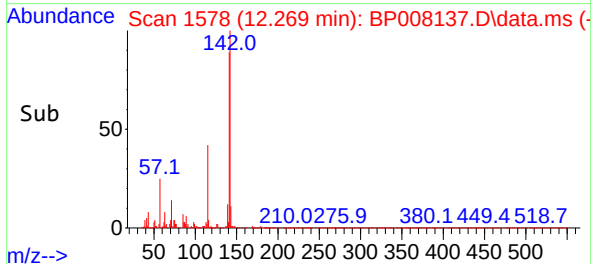
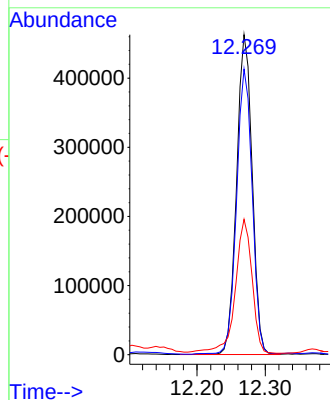
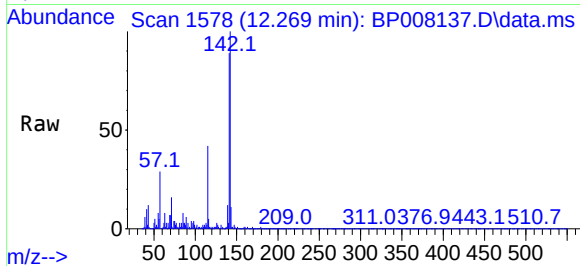




#37
2-Methylnaphthalene
Concen: 53.195 ng
RT: 12.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

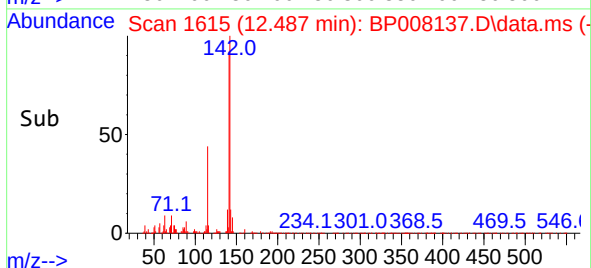
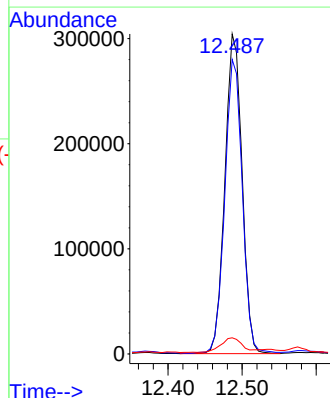
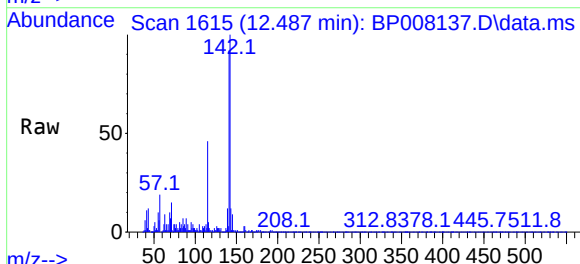
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ClientSampleId :
MW-5DL

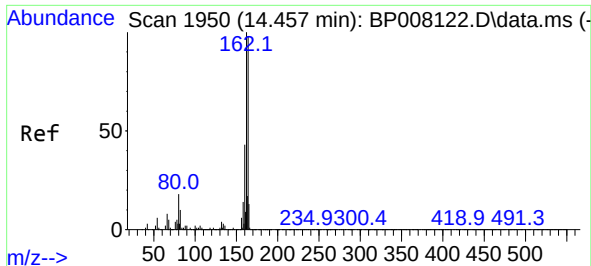
Tgt Ion:142 Resp: 735139
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1
115 42.3 30.9 46.3



#38
1-Methylnaphthalene
Concen: 36.328 ng
RT: 12.487 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion:142 Resp: 488679
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4
116 5.1 3.4 5.2

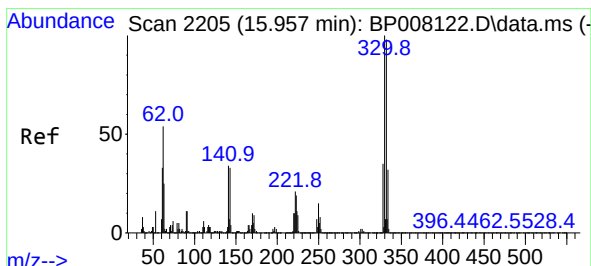
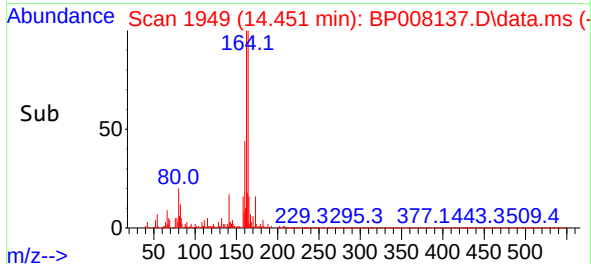
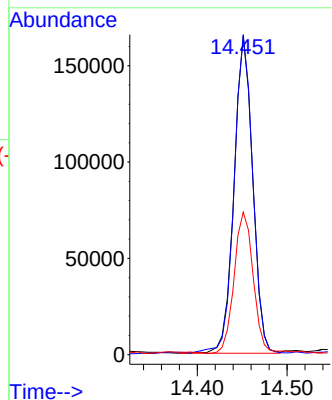
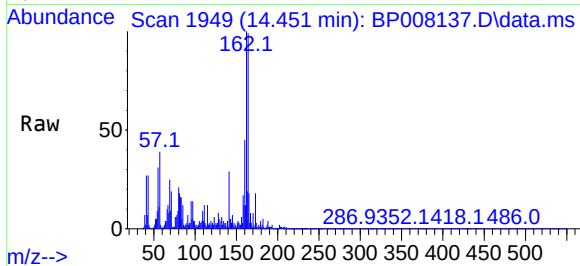




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

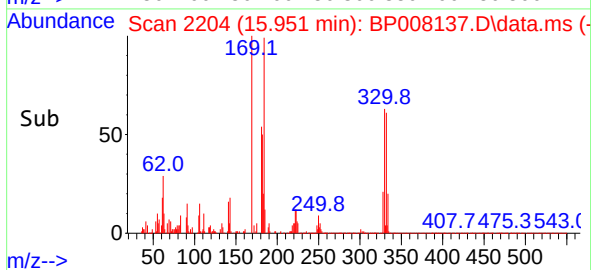
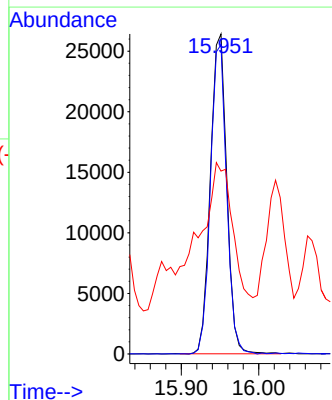
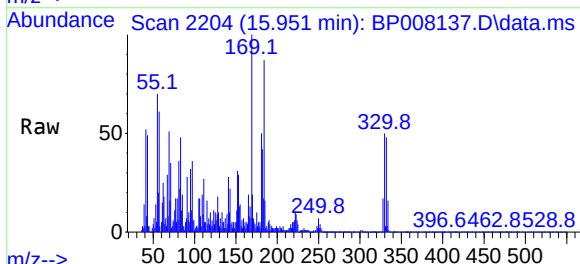
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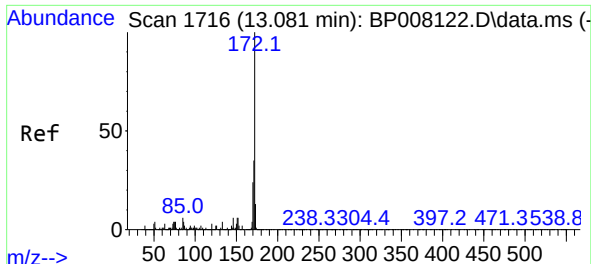
Tgt Ion:164 Resp: 237111
Ion Ratio Lower Upper
164 100
162 100.6 81.9 122.9
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 12.770 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion:330 Resp: 38703
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.4
141 78.8 28.4 42.6#

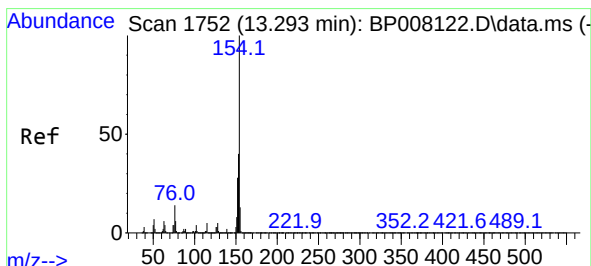
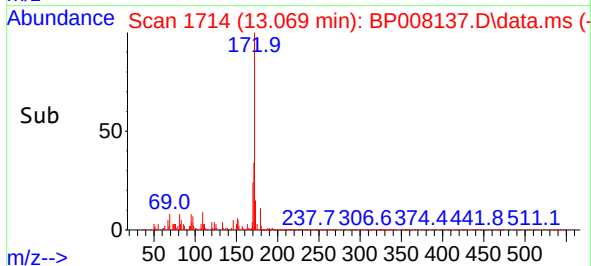
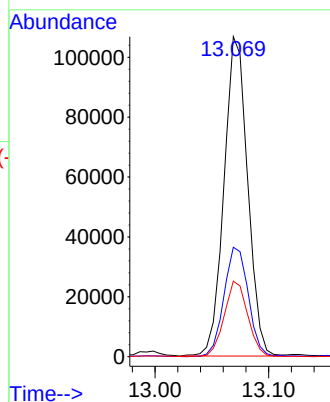
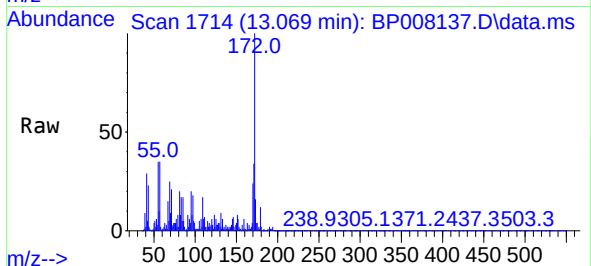




#45
2-Fluorobiphenyl
Concen: 9.455 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

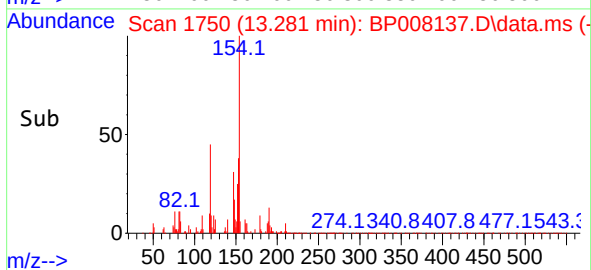
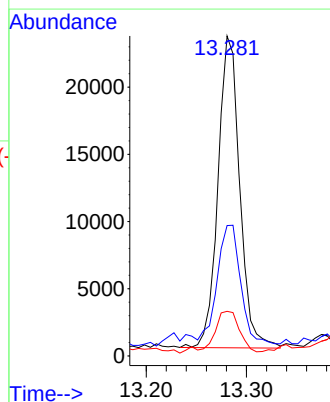
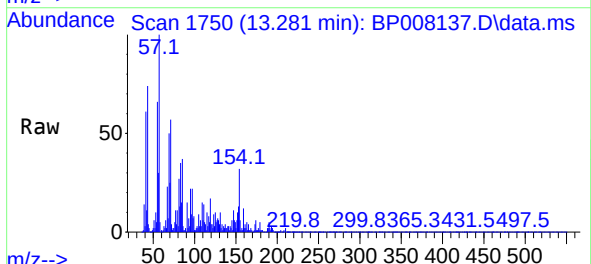
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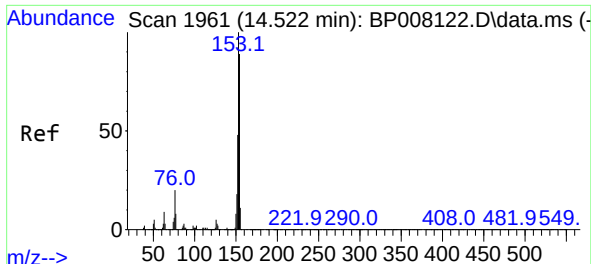
Tgt Ion:172 Resp: 154335
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 2.034 ng
RT: 13.281 min Scan# 1750
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion:154 Resp: 34985
Ion Ratio Lower Upper
154 100
153 40.8 19.7 59.7
76 14.0 0.0 33.7

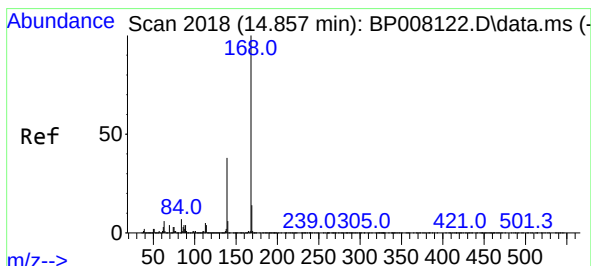
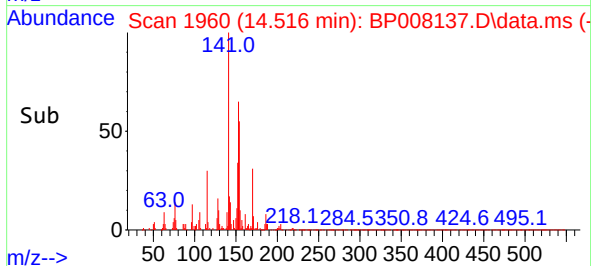
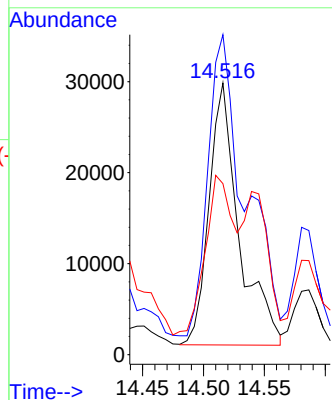
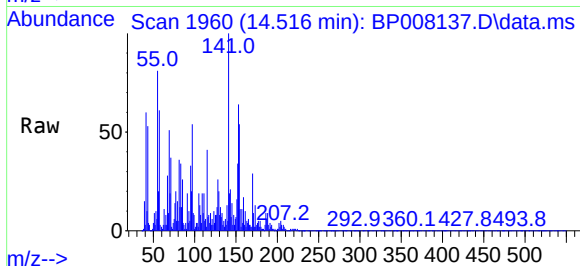




#52
Acenaphthene
Concen: 3.937 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

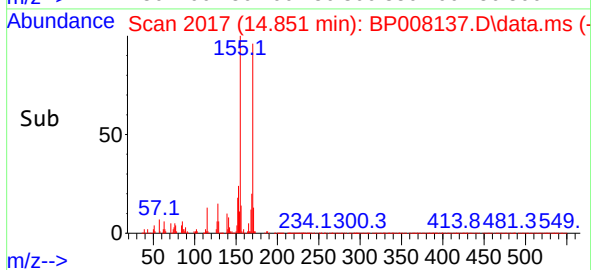
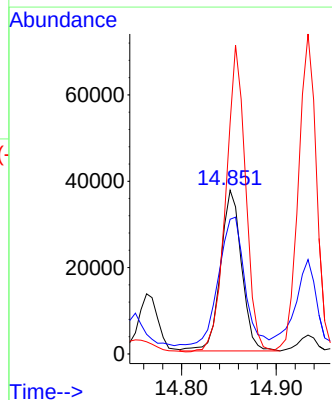
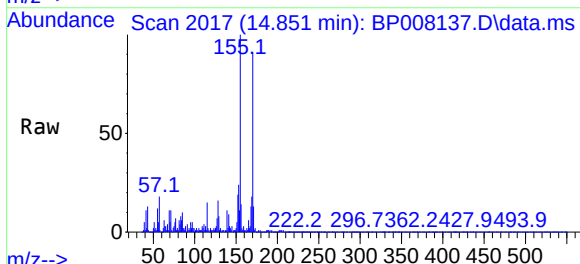
Instrument :
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MW-5DL

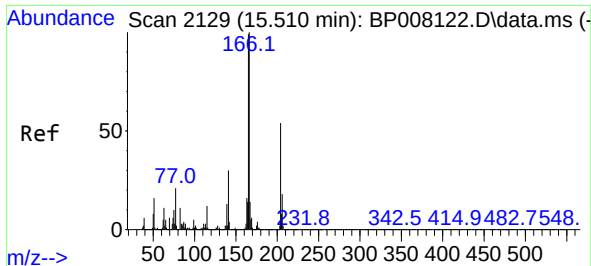
Tgt Ion:154 Resp: 49170
Ion Ratio Lower Upper
154 100
153 117.8 90.3 135.5
152 62.9 43.3 64.9



#55
Dibenzofuran
Concen: 2.692 ng
RT: 14.851 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion:168 Resp: 57459
Ion Ratio Lower Upper
168 100
139 82.3 30.6 46.0#
169 141.3 11.0 16.4#

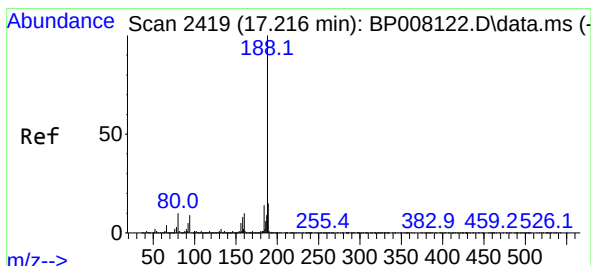
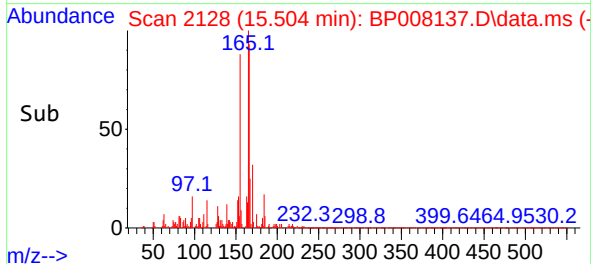
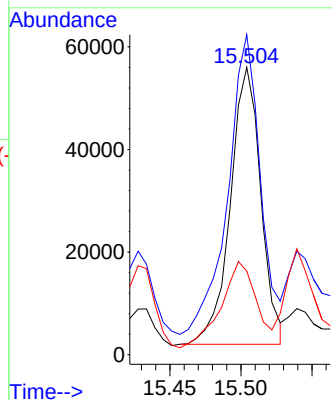
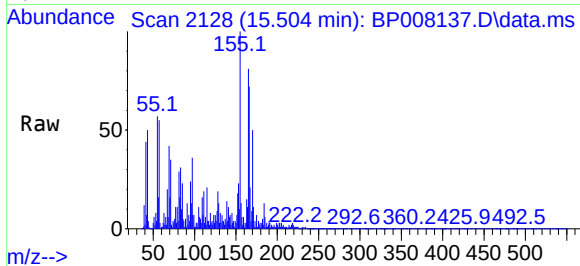




#58
Fluorene
Concen: 4.642 ng
RT: 15.504 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

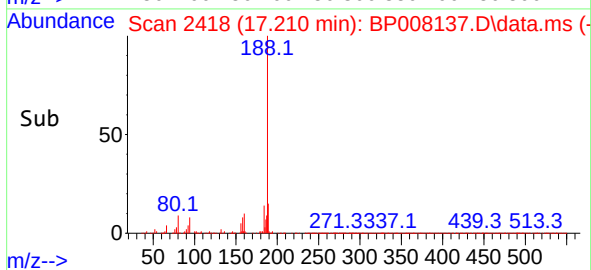
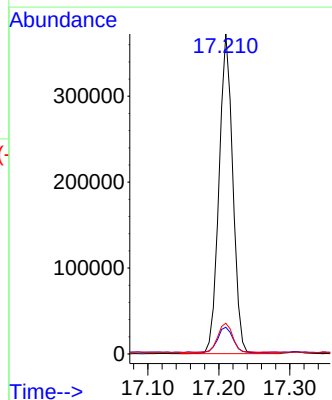
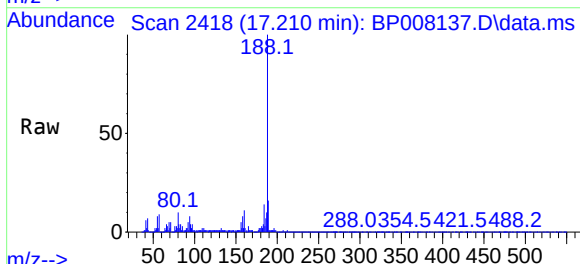
Instrument :
BNA_P
ClientSampleId :
MW-5DL

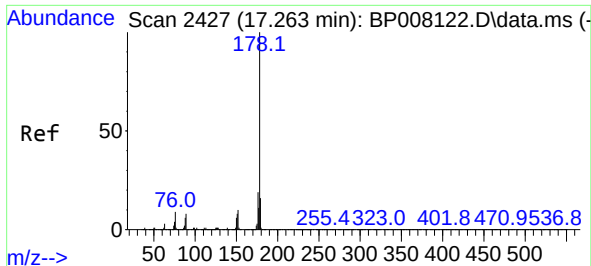
Tgt Ion:166 Resp: 80506
Ion Ratio Lower Upper
166 100
165 111.4 79.4 119.2
167 29.0 10.9 16.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion:188 Resp: 498750
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.6 8.2 12.4

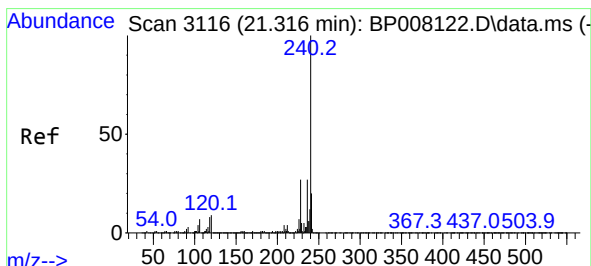
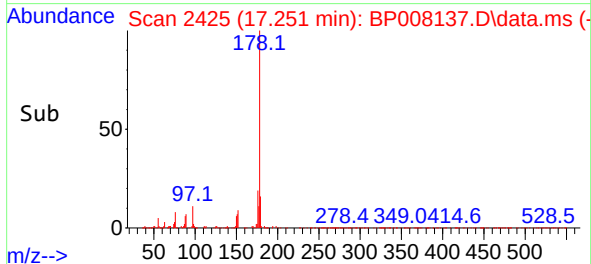
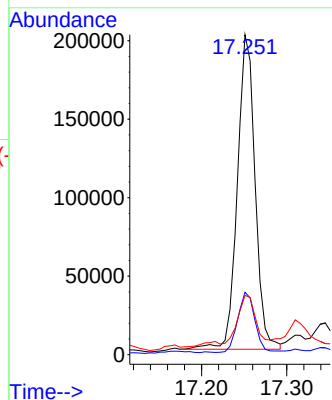
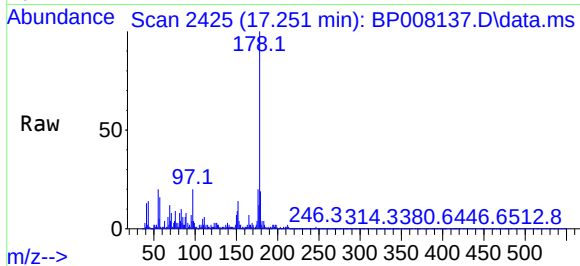




#71
Phenanthrene
Concen: 11.042 ng
RT: 17.251 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

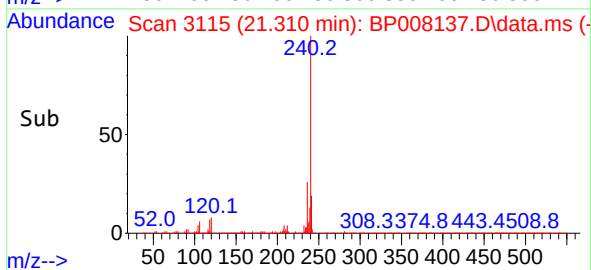
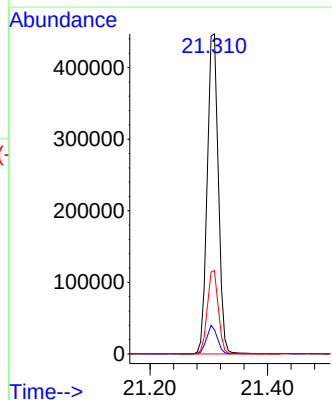
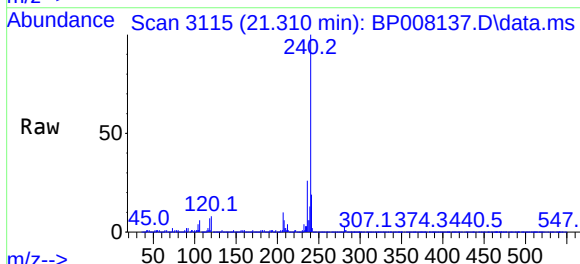
Instrument :
BNA_P
ClientSampleId :
MW-5DL

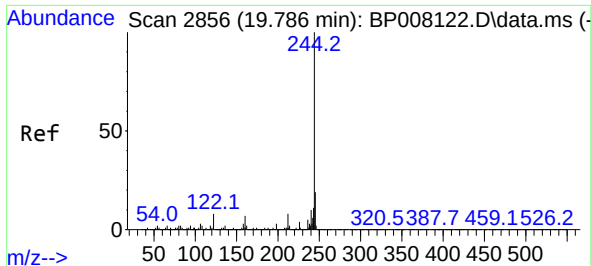
Tgt Ion:178 Resp: 290775
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 18.5 12.5 18.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion:240 Resp: 587898
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 26.1 21.4 32.2

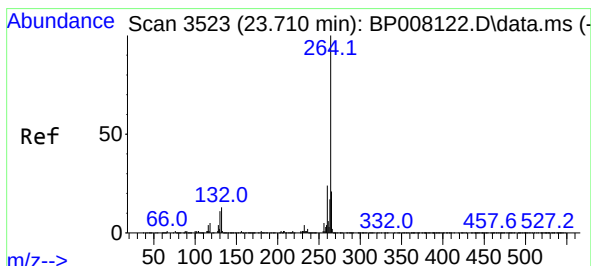
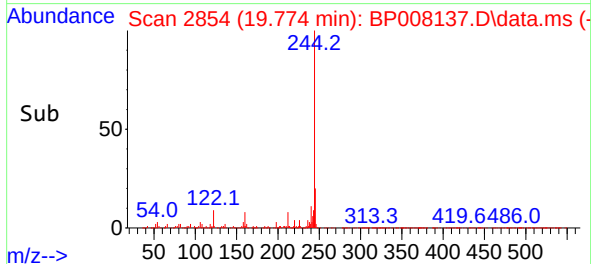
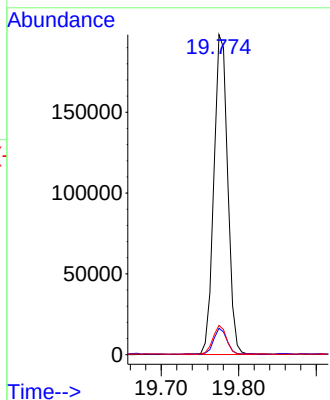
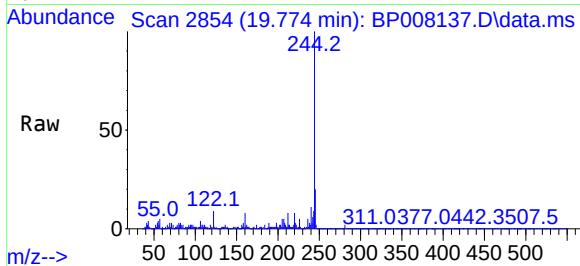




#79
 Terphenyl-d14
 Concen: 8.739 ng
 RT: 19.774 min Scan# 245828
 Delta R.T. -0.012 min
 Lab File: BP008137.D
 Acq: 29 Nov 2021 12:35

Instrument :
 BNA_P
 ClientSampleId :
 MW-5DL

Tgt Ion:	244	Resp:	245828
Ion	Ratio	Lower	Upper
244	100		
212	8.2	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: BP008137.D
 Acq: 29 Nov 2021 12:35

Tgt Ion:	264	Resp:	657757
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.1	17.6	26.4

