

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)

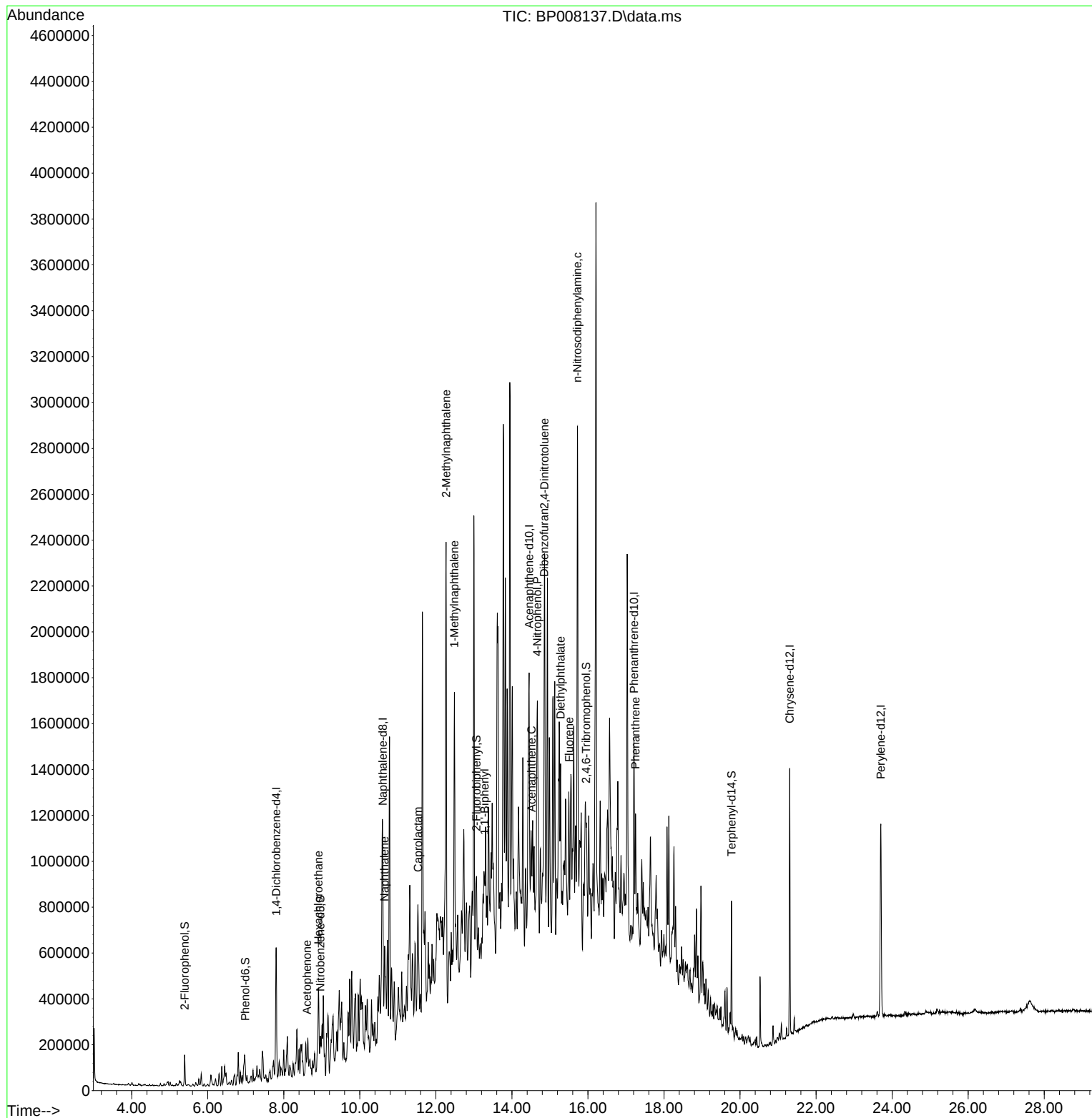
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	105239	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	381429	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	237111	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	498750	20.000	ng	0.00
76) Chrysene-d12	21.310	240	587898	20.000	ng	0.00
86) Perylene-d12	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
9) Benzaldehyde	6.957	77	2539	Below Cal	#	1
18) Hexachloroethane	8.910	117	21355	7.335	ng	# 1
22) Acetophenone	8.610	105	23639	2.266	ng	# 58
31) Naphthalene	10.651	128	110346	5.647	ng	# 91
35) Caprolactam	11.534	113	5174	3.716	ng	# 1
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
56) 4-Nitrophenol	14.669	139	50729	17.673	ng	# 41
57) 2,4-Dinitrotoluene	14.857	165	32085	6.327	ng	# 53
58) Fluorene	15.504	166	80506	4.642	ng	# 85
60) Diethylphthalate	15.281	149	38423	2.175	ng	# 80
66) n-Nitrosodiphenylamine	15.722	169	214904	14.875	ng	# 47
71) Phenanthrene	17.251	178	290775	11.042	ng	96
78) Pyrene	19.580	202	38396	Below Cal	#	90

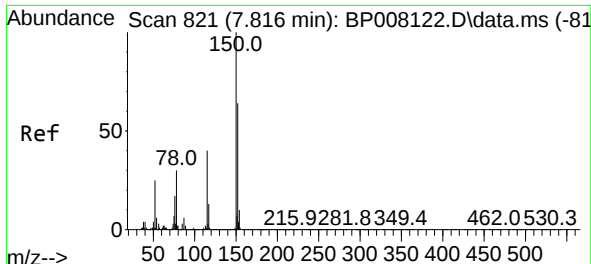
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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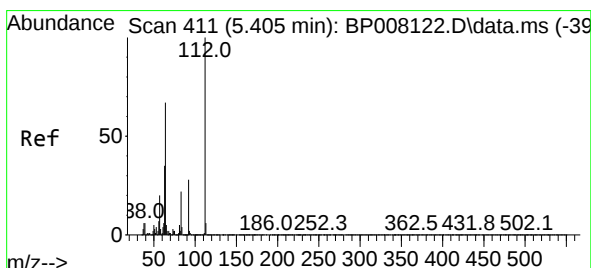
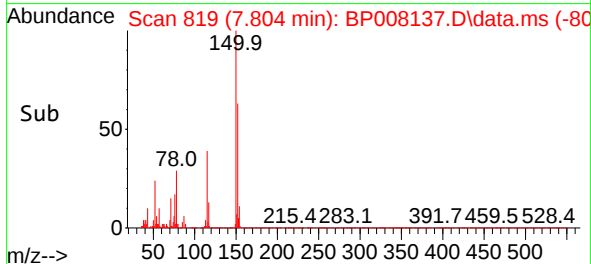
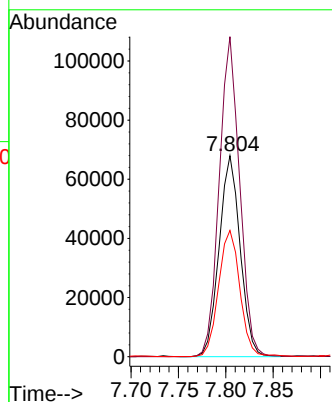
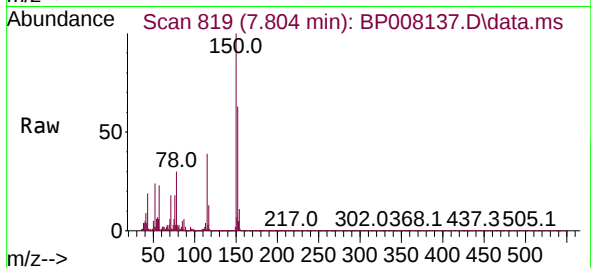




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

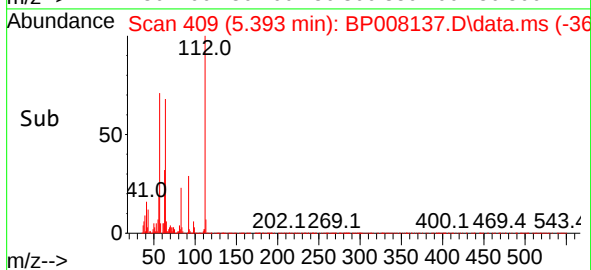
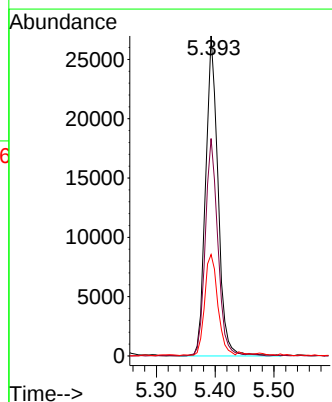
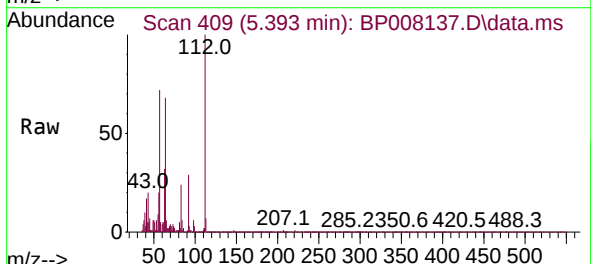
Instrument :
BNA_P
ClientSampleId :
MW-5DL

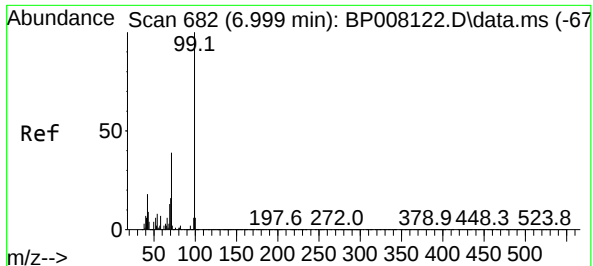
Tgt Ion:152 Resp: 105239
Ion Ratio Lower Upper
152 100
150 159.2 125.7 188.5
115 62.9 50.7 76.1



#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

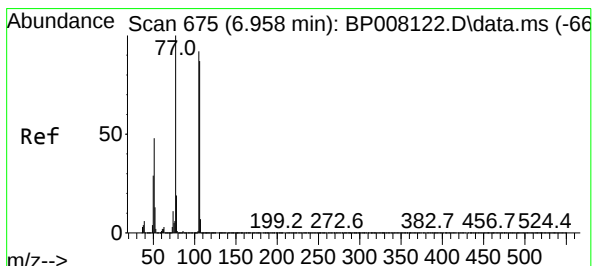
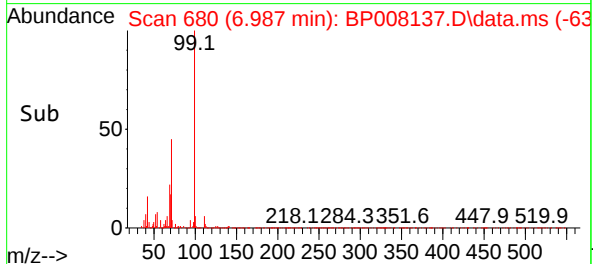
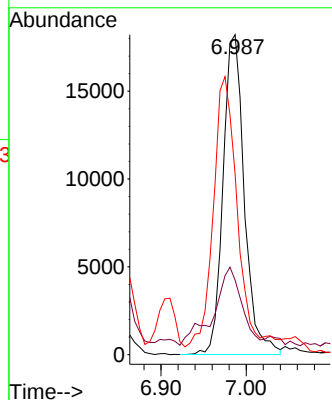
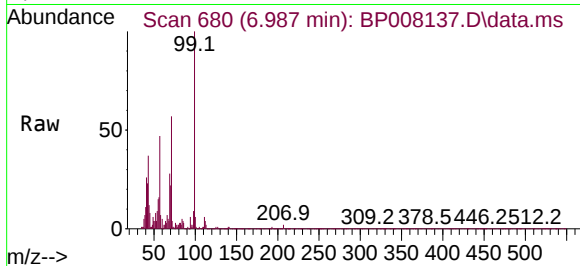




#7
Phenol-d6
Concen: 3.581 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

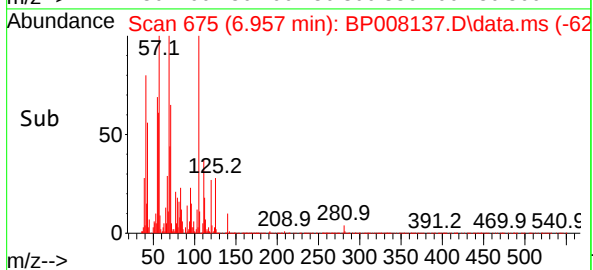
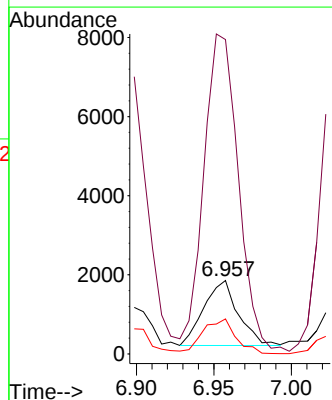
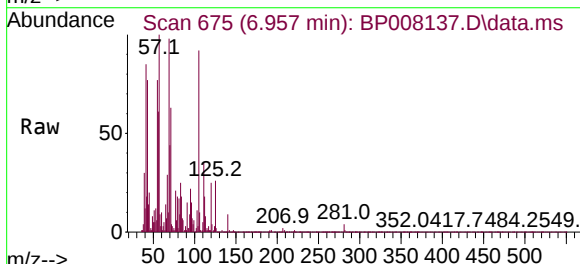
Instrument :
BNA_P
Client Sample Id :
MW-5DL

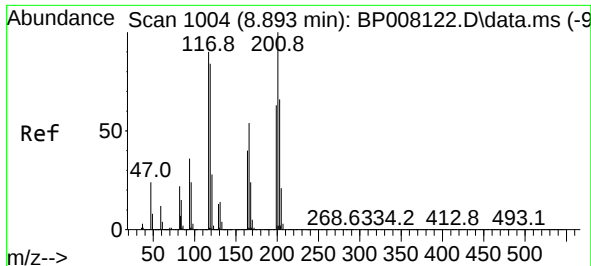
Tgt Ion: 99 Resp: 31594
Ion Ratio Lower Upper
99 100
42 23.3 14.6 22.0#
71 56.6 31.1 46.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.957 min Scan# 675
Delta R.T. -0.001 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion: 77 Resp: 2539
Ion Ratio Lower Upper
77 100
105 427.9 71.8 111.8#
106 47.7 67.3 107.3#

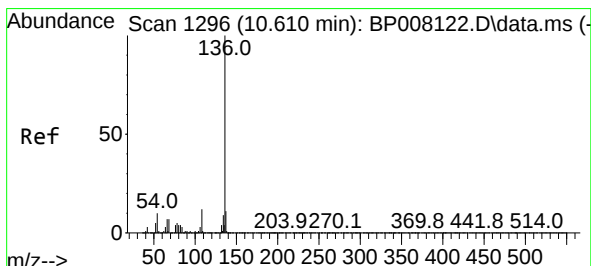
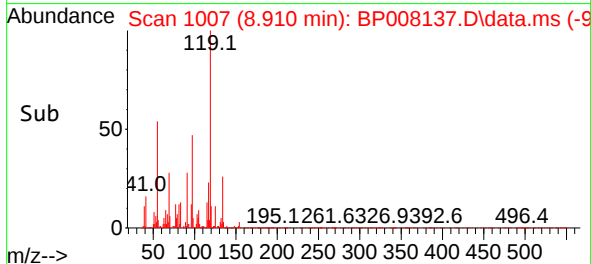
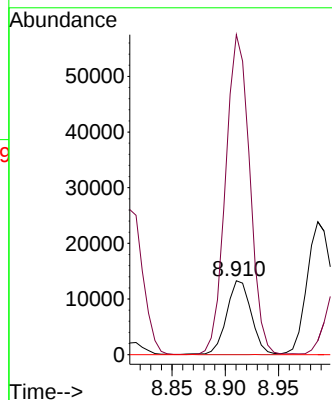
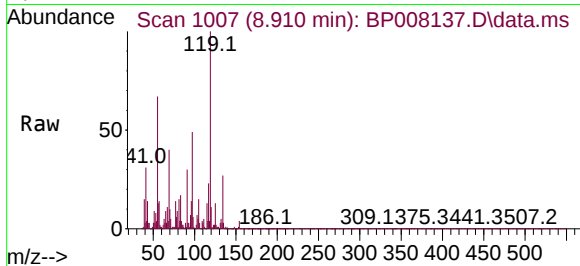




#18
Hexachloroethane
Concen: 7.335 ng
RT: 8.910 min Scan# 1007
Delta R.T. 0.017 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

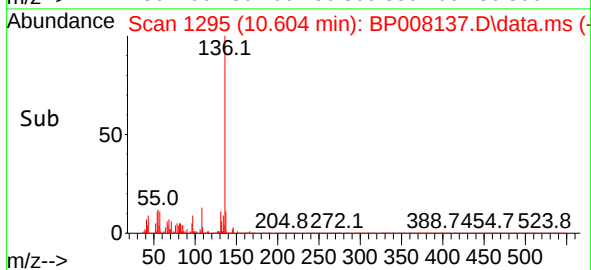
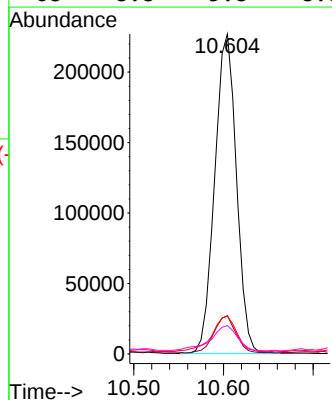
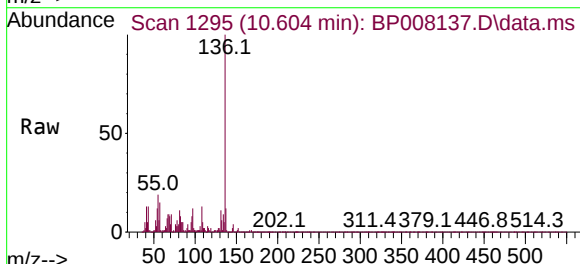
Instrument :
BNA_P
ClientSampleId :
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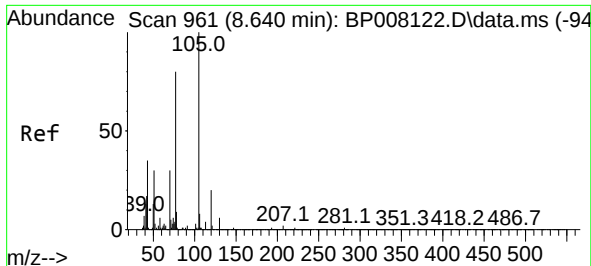
Tgt Ion:117 Resp: 21355
Ion Ratio Lower Upper
117 100
119 433.0 74.7 112.1#
201 0.0 88.6 132.8#



#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#

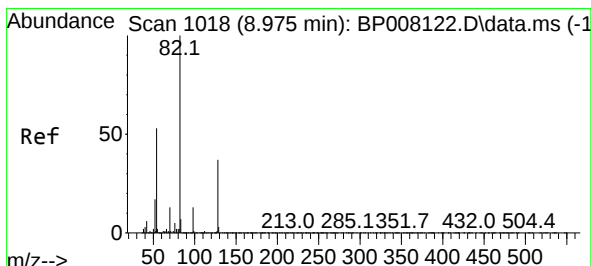
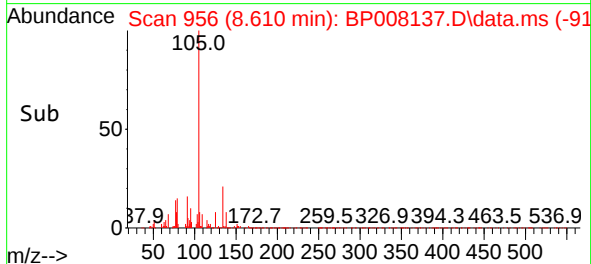
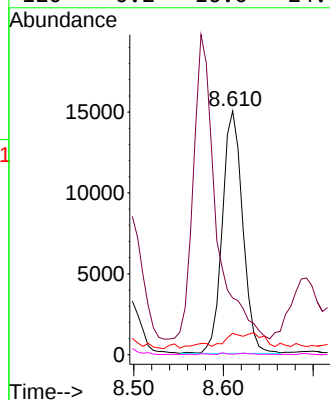
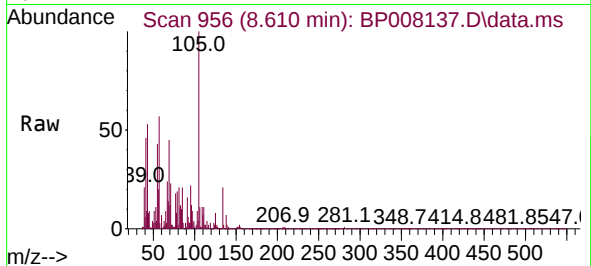




#22
Acetophenone
Concen: 2.266 ng
RT: 8.610 min Scan# 91
Delta R.T. -0.030 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

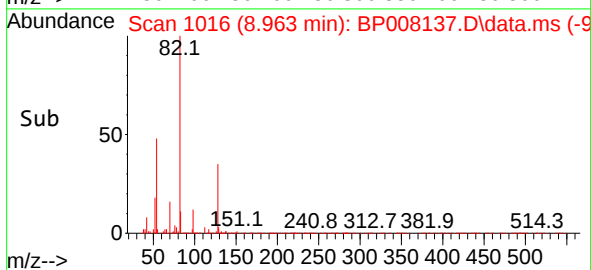
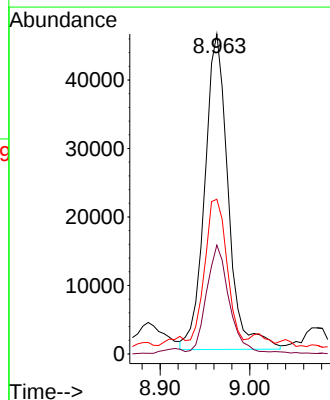
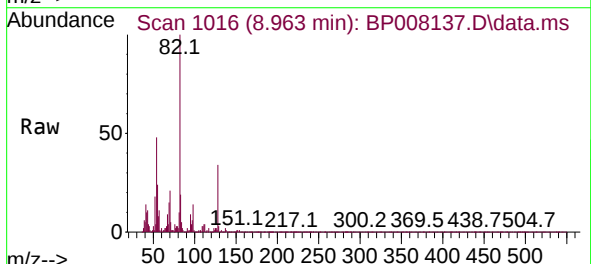
Instrument :
BNA_P
ClientSampleId :
MW-5DL

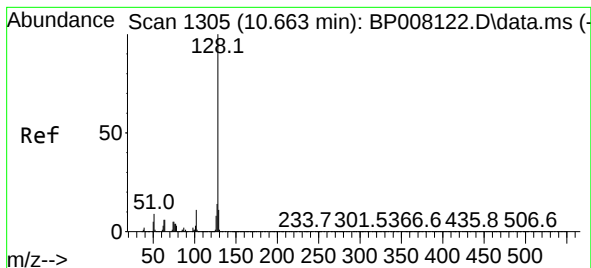
Tgt Ion:105 Resp: 23639
Ion Ratio Lower Upper
105 100
71 23.2 4.0 6.0#
51 8.8 23.8 35.6#
120 0.2 16.0 24.0#



#23
Nitrobenzene-d5
Concen: 9.993 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

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# 11

Delta R.T. -0.012 min

Lab File: BP008137.D

Acq: 29 Nov 2021 12:35

Instrument :

BNA_P

ClientSampleId :

MW-5DL

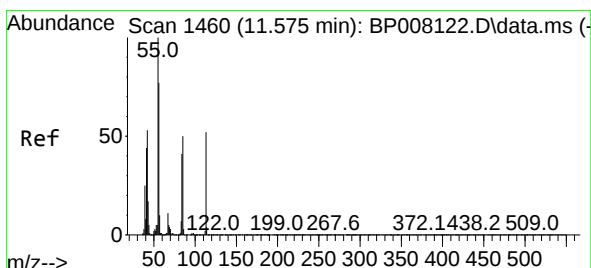
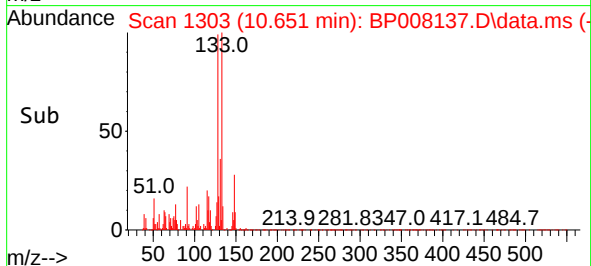
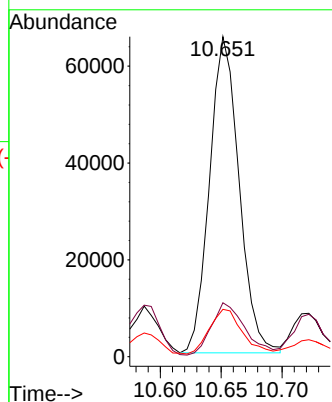
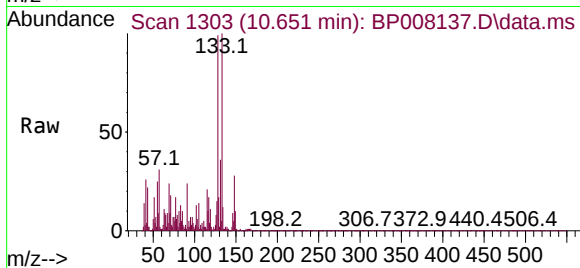
Tgt Ion:128 Resp: 110346

Ion Ratio Lower Upper

128 100

129 16.9 8.5 12.7#

127 14.8 10.9 16.3



#35

Caprolactam

Concen: 3.716 ng

RT: 11.534 min Scan# 1453

Delta R.T. -0.041 min

Lab File: BP008137.D

Acq: 29 Nov 2021 12:35

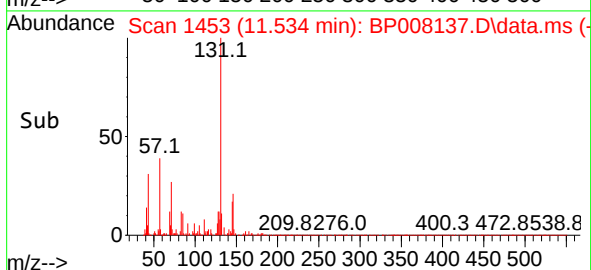
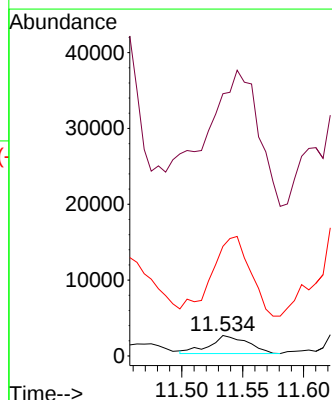
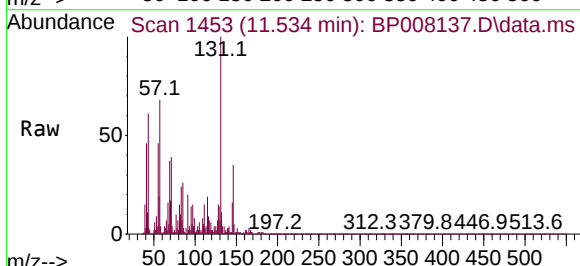
Tgt Ion:113 Resp: 5174

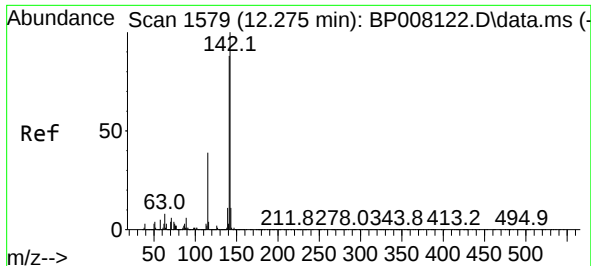
Ion Ratio Lower Upper

113 100

55 1281.1 174.2 214.2#

56 535.2 130.3 170.3#

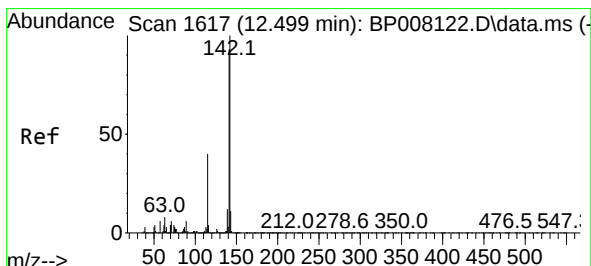
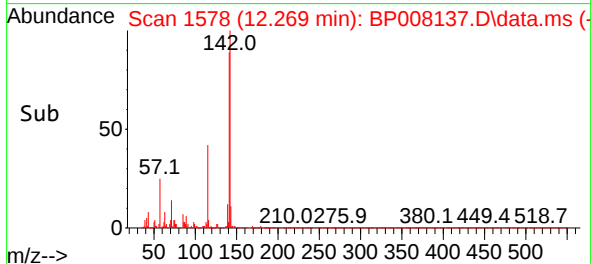
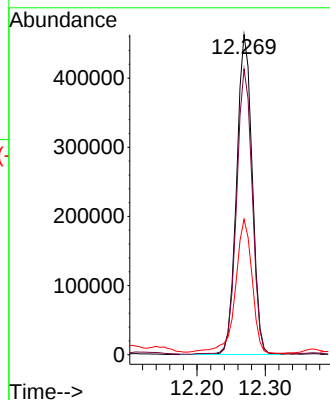
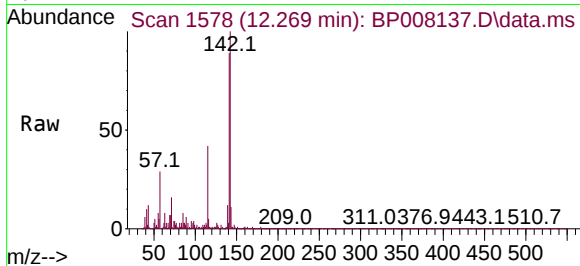




#37
2-Methylnaphthalene
Concen: 53.195 ng
RT: 12.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

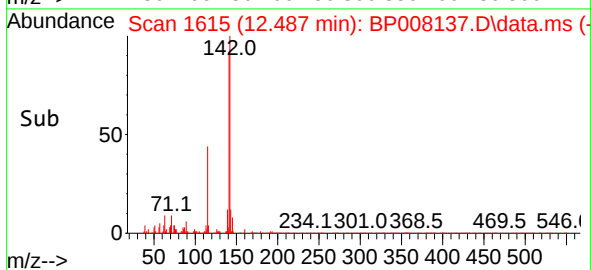
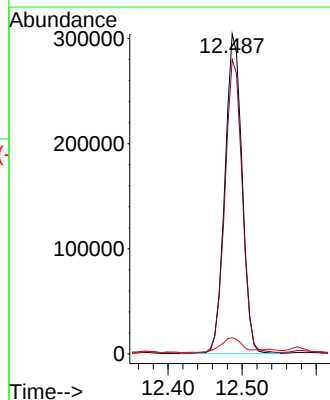
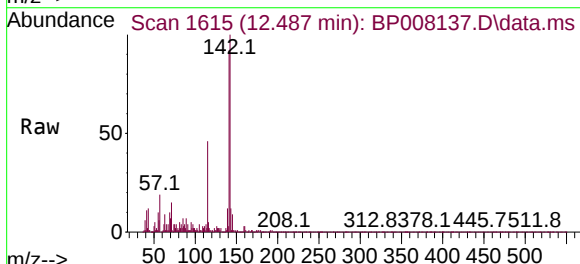
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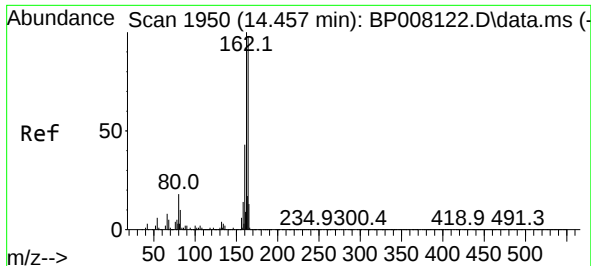
Tgt Ion:142 Resp: 735139
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1
115 42.3 30.9 46.3



#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

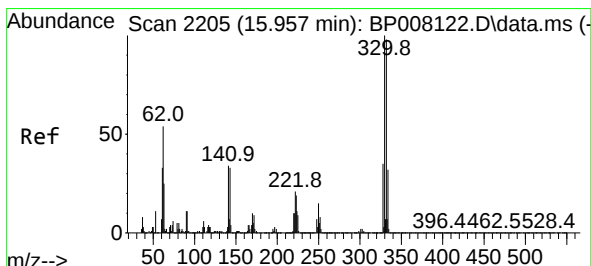
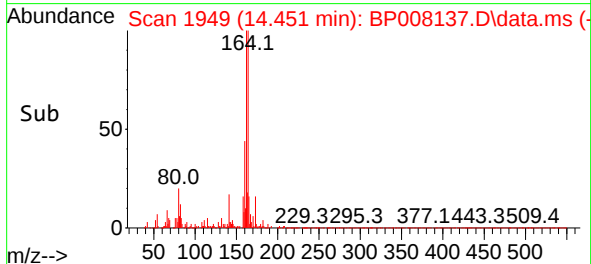
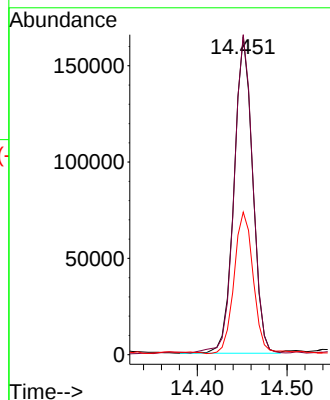
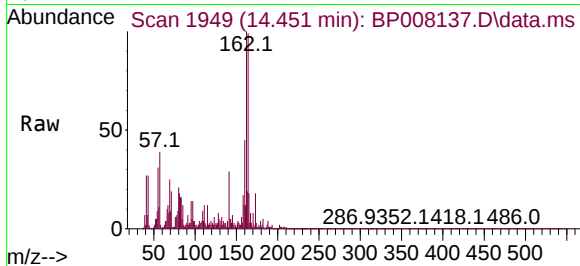




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

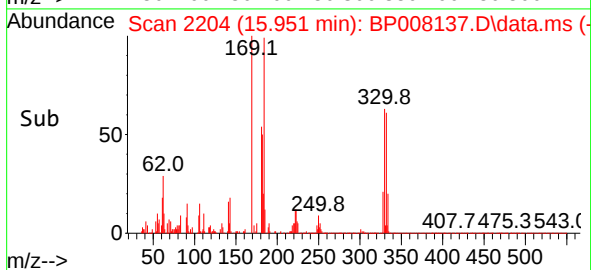
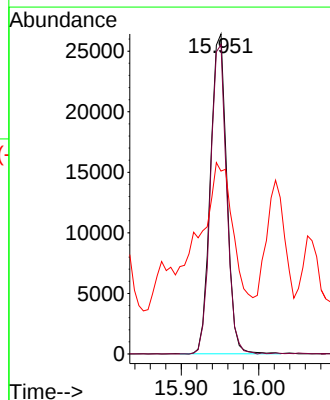
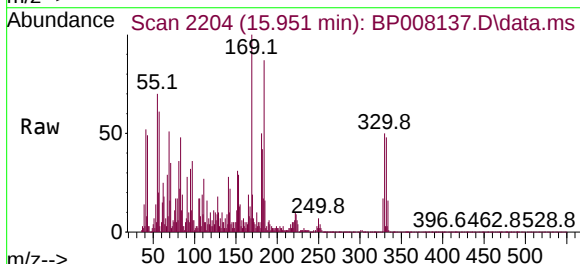
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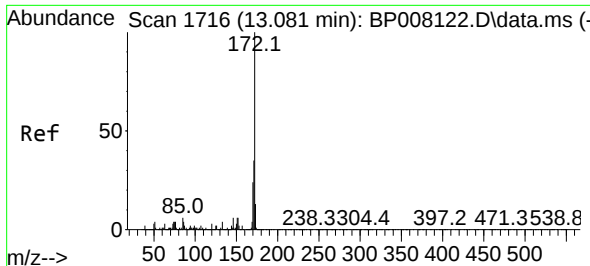
Tgt Ion:164 Resp: 237111
Ion Ratio Lower Upper
164 100
162 100.6 81.9 122.9
160 44.8 35.4 53.0



#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#

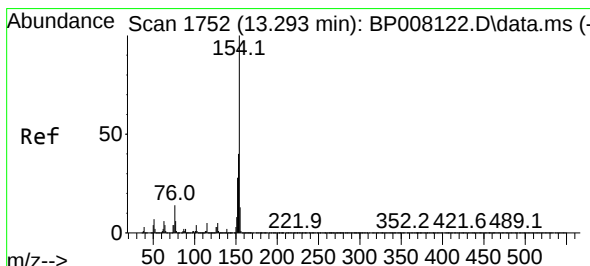
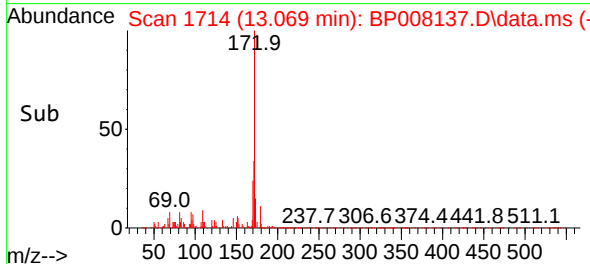
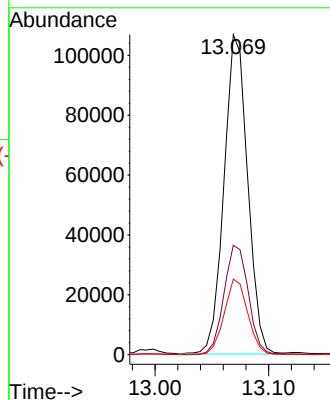
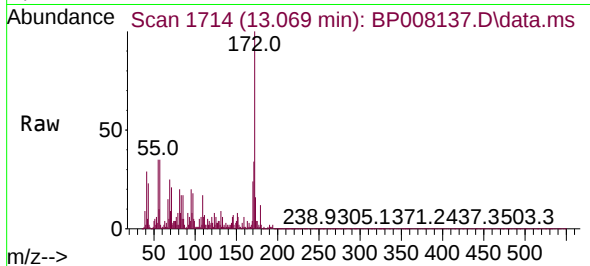




#45
2-Fluorobiphenyl
Concen: 9.455 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

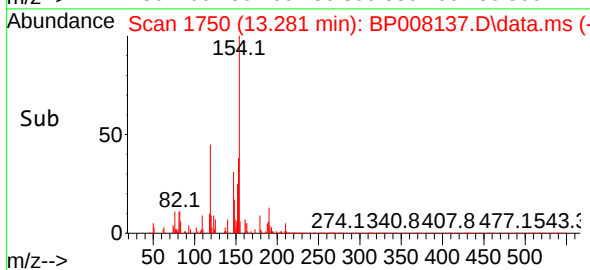
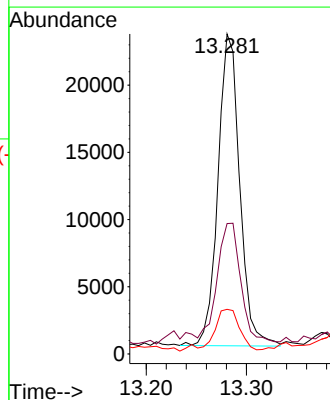
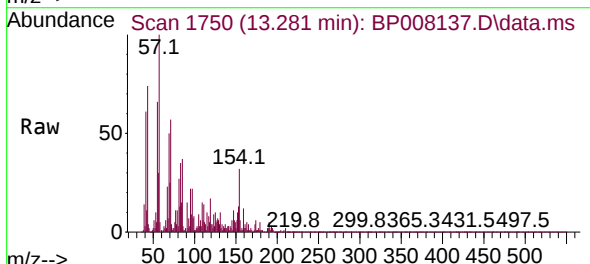
Instrument :
BNA_P
ClientSampleId :
MW-5DL

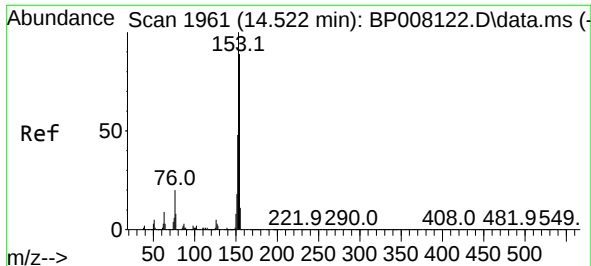
Tgt Ion:172 Resp: 154335
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 23.6 18.9 28.3



#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

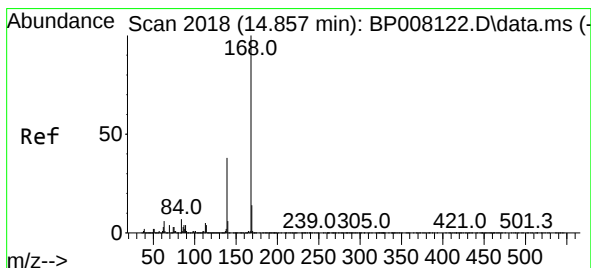
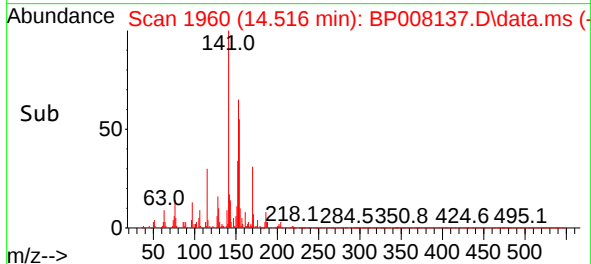
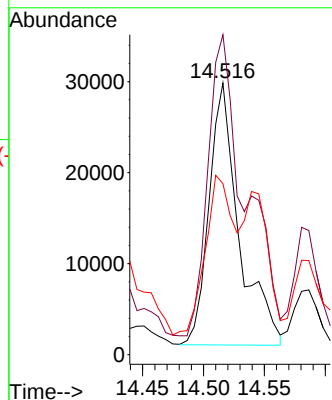
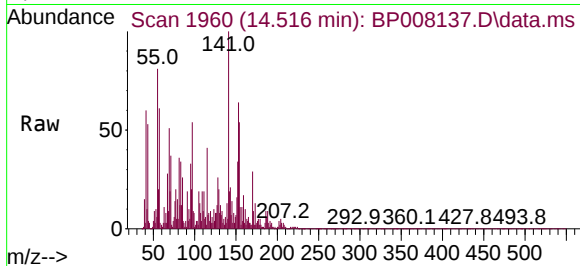




#52
Acenaphthene
Concen: 3.937 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

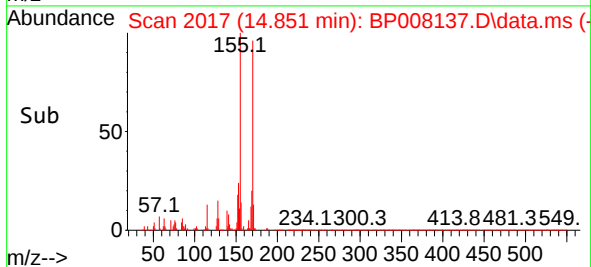
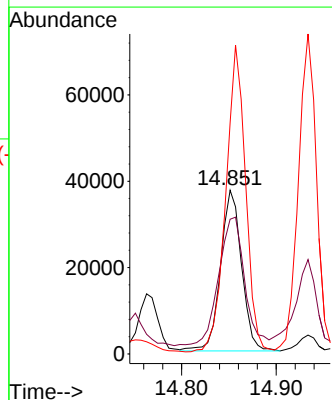
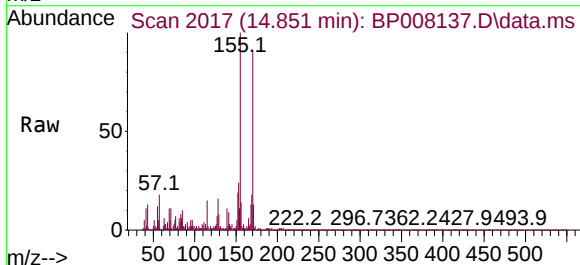
Instrument :
BNA_P
ClientSampleId :
MW-5DL

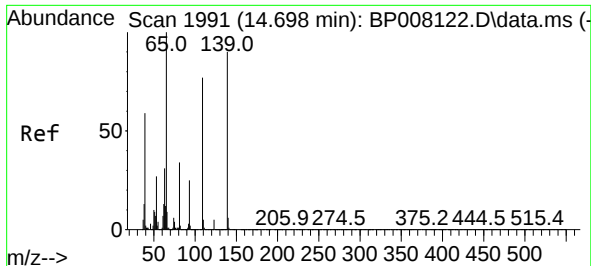
Tgt Ion:154 Resp: 49170
Ion Ratio Lower Upper
154 100
153 117.8 90.3 135.5
152 62.9 43.3 64.9



#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#

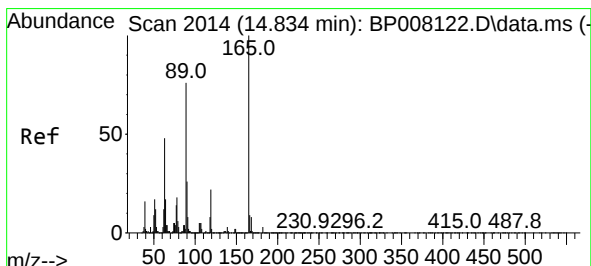
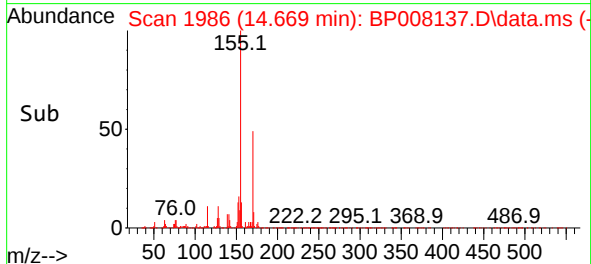
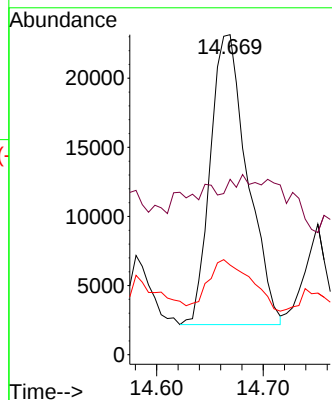
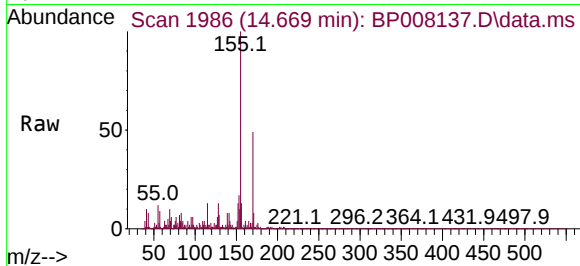




#56
4-Nitrophenol
Concen: 17.673 ng
RT: 14.669 min Scan# 1991
Delta R.T. -0.030 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

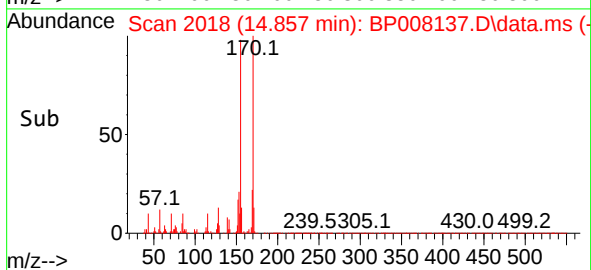
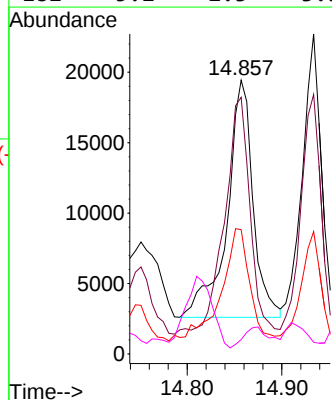
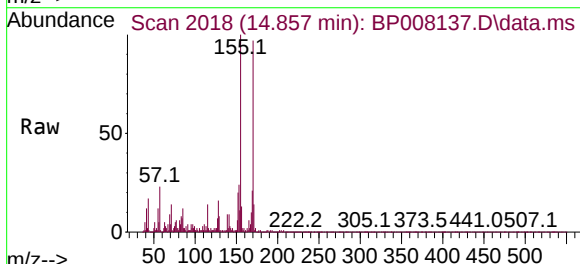
Instrument :
BNA_P
ClientSampleId :
MW-5DL

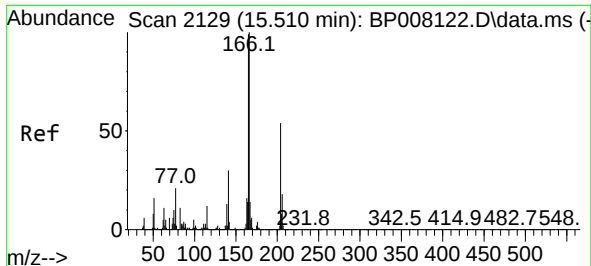
Tgt Ion:139 Resp: 50729
Ion Ratio Lower Upper
139 100
109 54.8 65.9 105.9#
65 28.0 91.9 131.9#



#57
2,4-Dinitrotoluene
Concen: 6.327 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.023 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion:165 Resp: 32085
Ion Ratio Lower Upper
165 100
63 93.7 38.9 58.3#
89 45.4 60.5 90.7#
182 5.2 2.3 3.5#

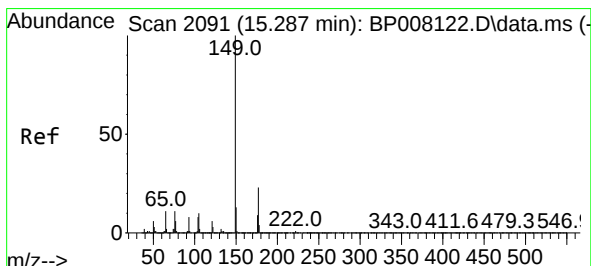
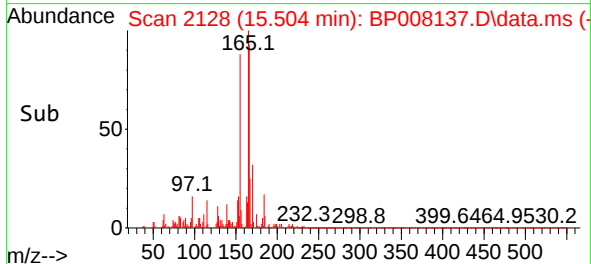
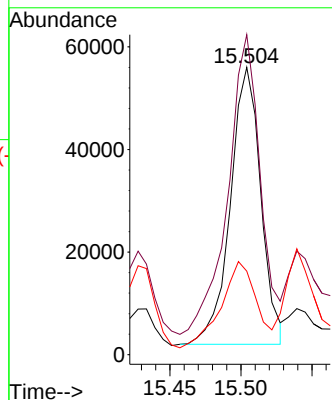
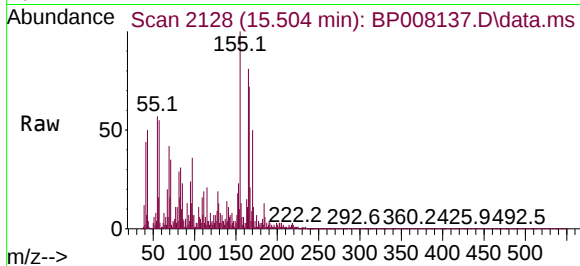




#58
Fluorene
Concen: 4.642 ng
RT: 15.504 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

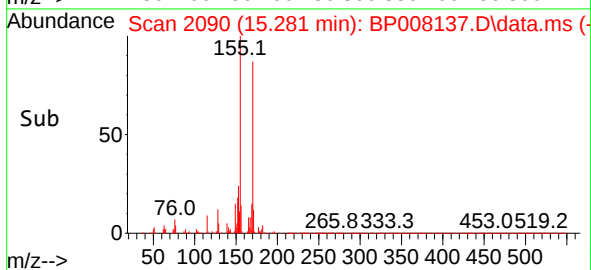
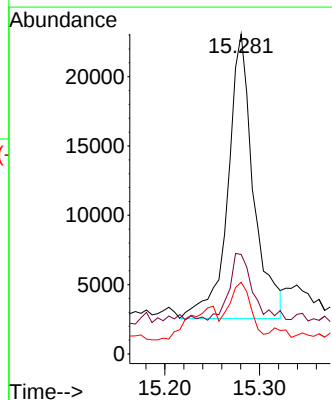
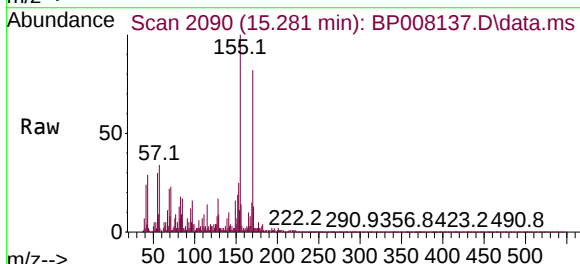
Instrument :
BNA_P
ClientSampleId :
MW-5DL

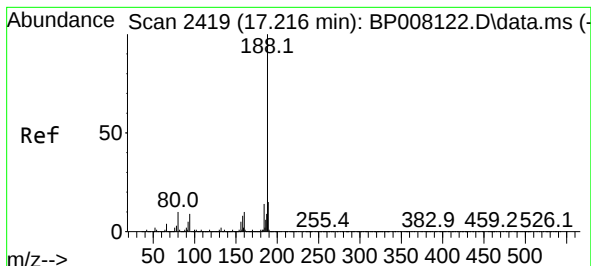
Tgt Ion:166 Resp: 80506
Ion Ratio Lower Upper
166 100
165 111.4 79.4 119.2
167 29.0 10.9 16.3#



#60
Diethylphthalate
Concen: 2.175 ng
RT: 15.281 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP008137.D
Acq: 29 Nov 2021 12:35

Tgt Ion:149 Resp: 38423
Ion Ratio Lower Upper
149 100
177 31.1 18.2 27.2#
150 22.4 10.3 15.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP008137.D

Acq: 29 Nov 2021 12:35

Instrument :

BNA_P

ClientSampleId :

MW-5DL

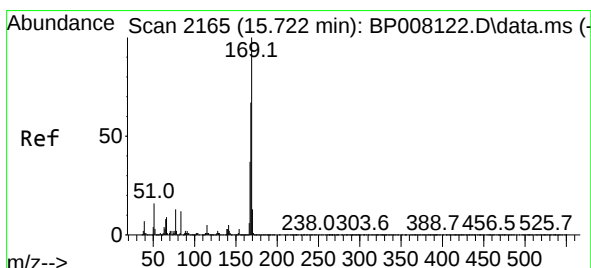
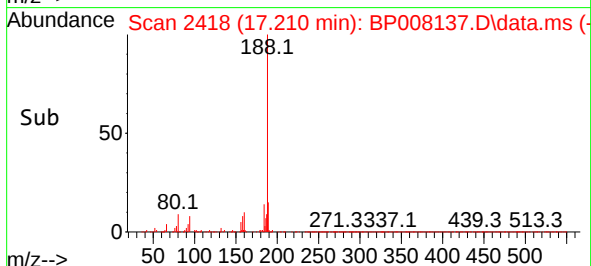
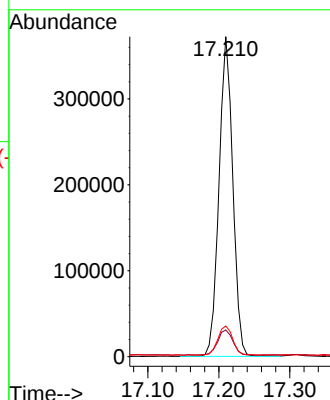
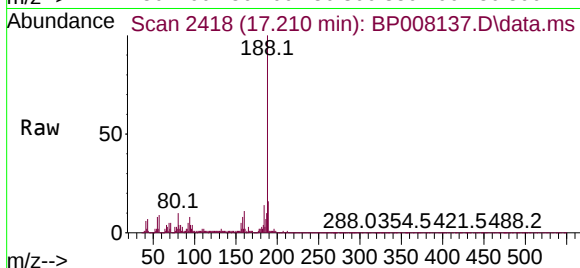
Tgt Ion:188 Resp: 498750

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 9.6 8.2 12.4



#66

n-Nitrosodiphenylamine

Concen: 14.875 ng

RT: 15.722 min Scan# 2165

Delta R.T. -0.000 min

Lab File: BP008137.D

Acq: 29 Nov 2021 12:35

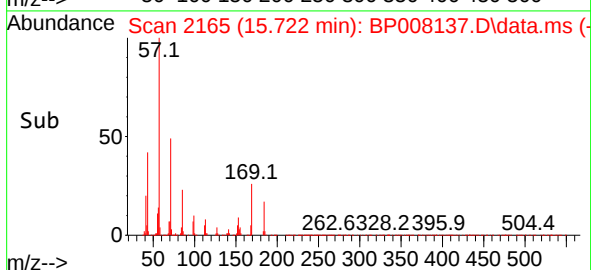
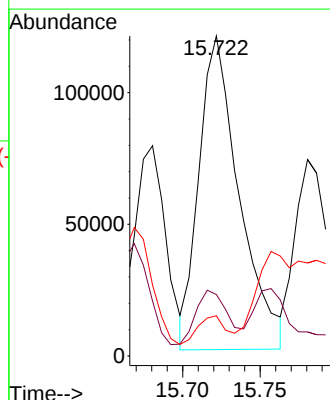
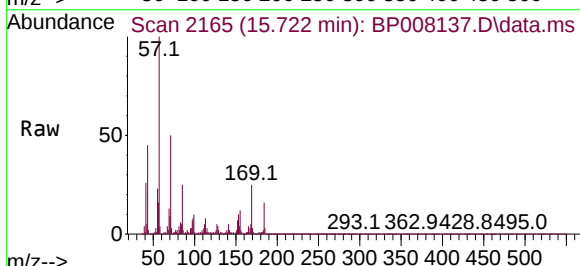
Tgt Ion:169 Resp: 214904

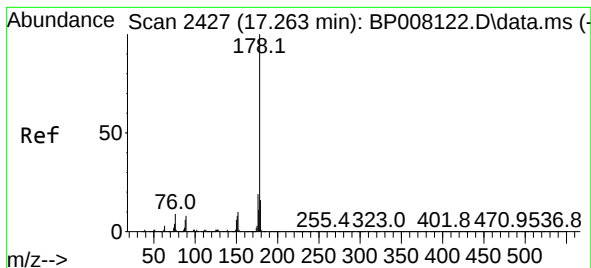
Ion Ratio Lower Upper

169 100

168 19.2 53.5 80.3#

167 12.5 29.3 43.9#





#71

Phenanthrene

Concen: 11.042 ng

RT: 17.251 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP008137.D

Acq: 29 Nov 2021 12:35

Instrument :

BNA_P

ClientSampleId :

MW-5DL

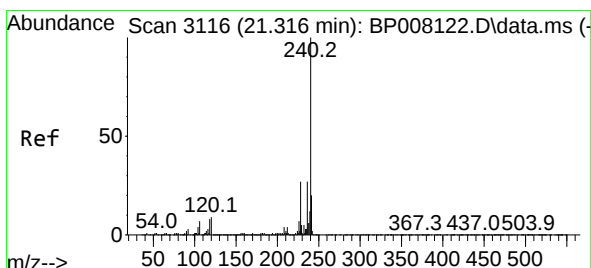
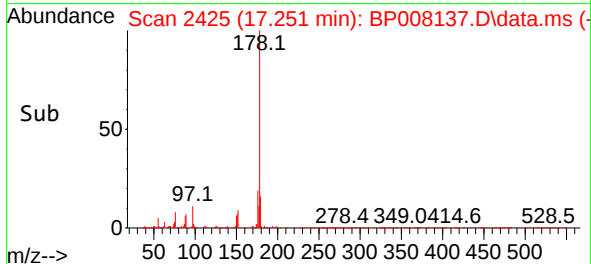
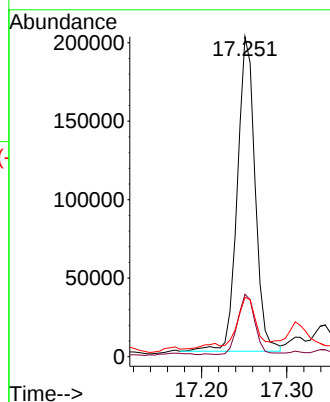
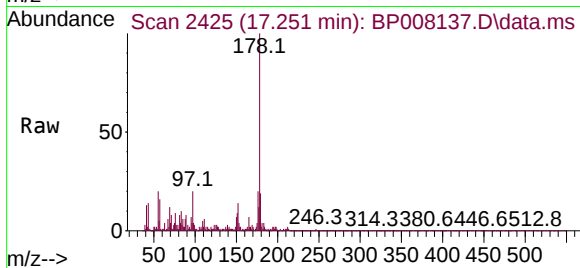
Tgt Ion:178 Resp: 290775

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

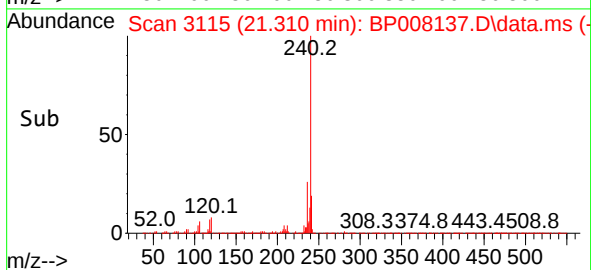
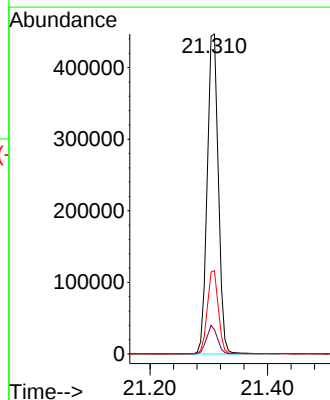
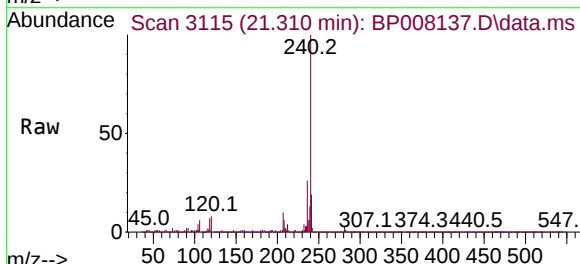
Tgt Ion:240 Resp: 587898

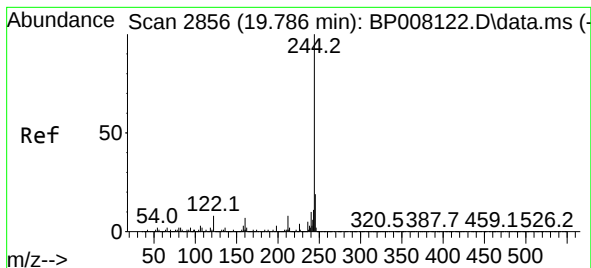
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.012 min

Lab File: BP008137.D

Acq: 29 Nov 2021 12:35

Instrument :

BNA_P

ClientSampleId :

MW-5DL

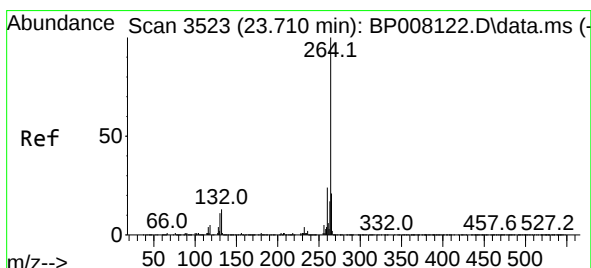
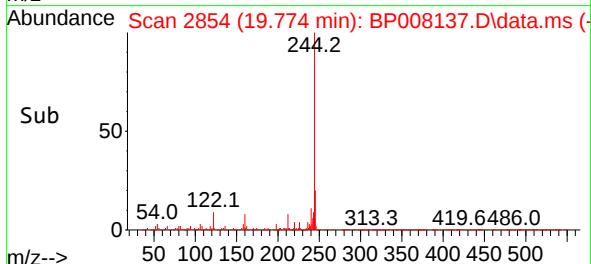
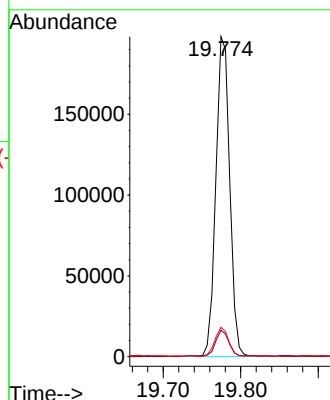
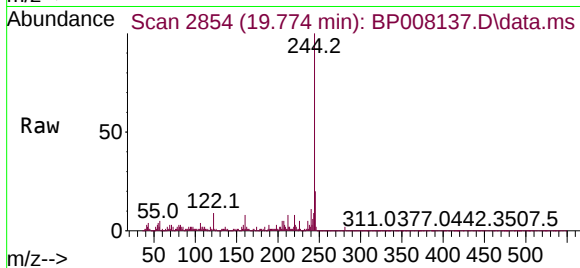
Tgt Ion:244 Resp: 245828

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

