

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
 Data File : BM029142.D
 Acq On : 15 Mar 2021 22:28
 Operator : CG/JU
 Sample : M1666-05 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 16 00:31:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 12 12:30:15 2021
 Response via : Initial Calibration

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

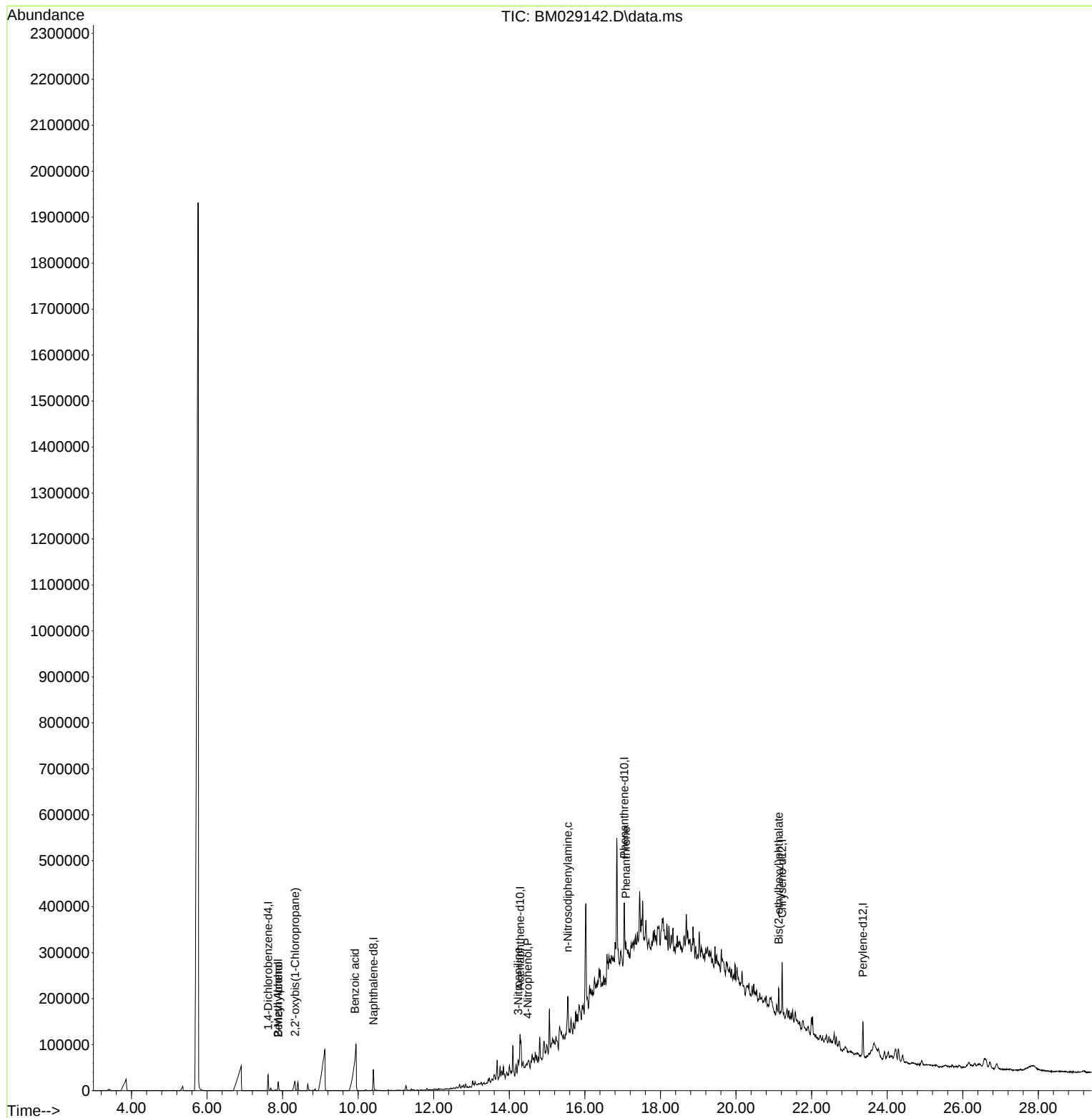
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	8803	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	34287	20.00	ng	#-0.01
39) Acenaphthene-d10	14.286	164	21211	20.00	ng	-0.01
64) Phenanthrene-d10	17.045	188	44291	20.00	ng	# 0.00
76) Chrysene-d12	21.221	240	42240	20.00	ng	# 0.00
86) Perylene-d12	23.356	264	43414	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ng	
7) Phenol-d6	6.869	99	372	0.53	ng	0.05
23) Nitrobenzene-d5	8.798	82	419	0.66	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	145	0.58	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1368	0.86	ng	-0.01
79) Terphenyl-d14	19.668	244	2698	1.18	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.886	79	6885	13.73	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.328	45	2976	3.65	ng	# 60
17) 2-Methylphenol	7.886	107	3710	7.84	ng	# 29
32) Benzoic acid	9.916	122	37707	107.41	ng	92
53) 3-Nitroaniline	14.233	138	983	2.69	ng	# 1
56) 4-Nitrophenol	14.486	139	1130	3.77	ng	# 1
66) n-Nitrosodiphenylamine	15.551	169	4413	2.91	ng	# 42
71) Phenanthrene	17.086	178	7802	2.96	ng	# 76
84) Bis(2-ethylhexyl)phtha...	21.133	149	16776	8.73	ng	# 98

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

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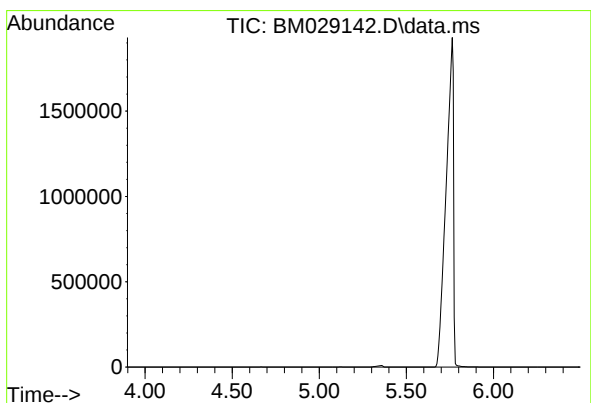
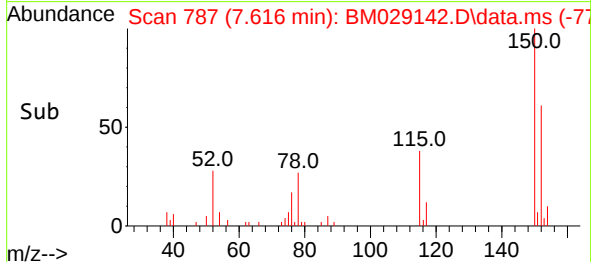
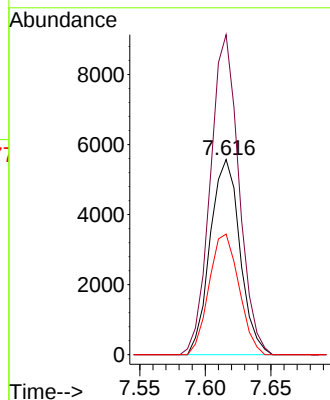
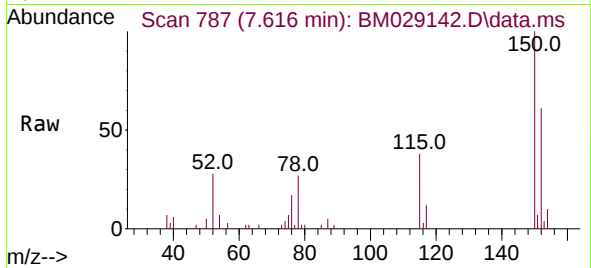




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

Instrument :
BNA_M
ClientSampled :

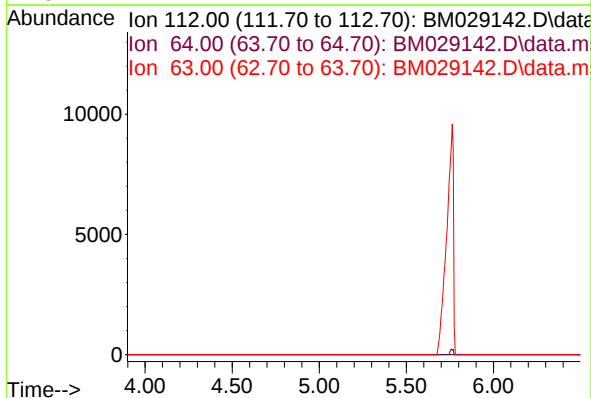
Tgt Ion:152 Resp: 8803
Ion Ratio Lower Upper
152 100
150 164.0 120.6 181.0
115 61.8 47.2 70.8



#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.20 min

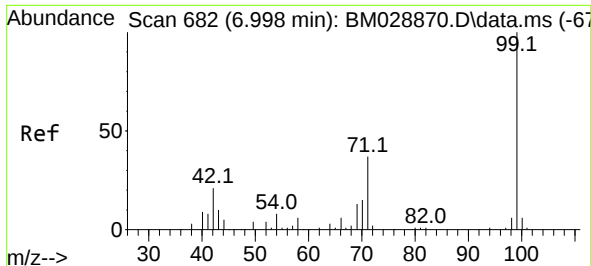
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

Tgt Ion: 112
Sig Exp Ratio
112 100
64 63.3
63 38.8



Ion 64.00 (63.70 to 64.70): BM029142.D\data.ms

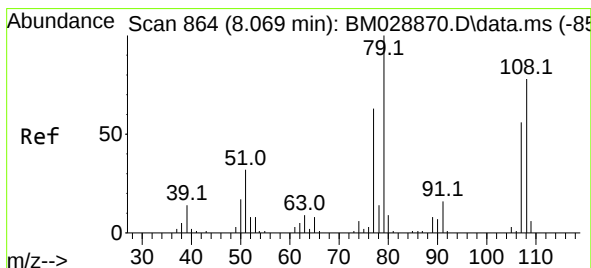
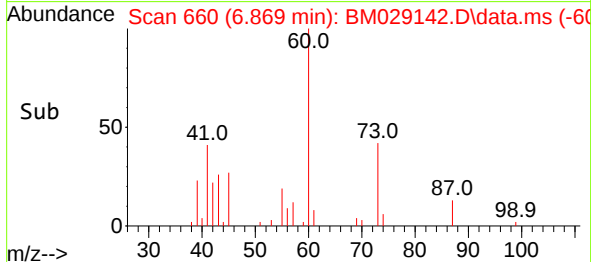
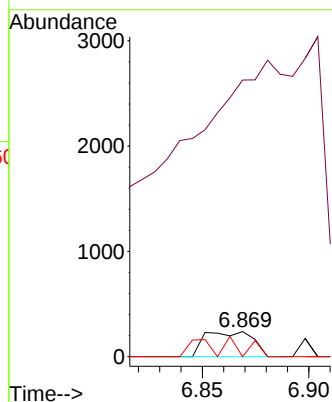
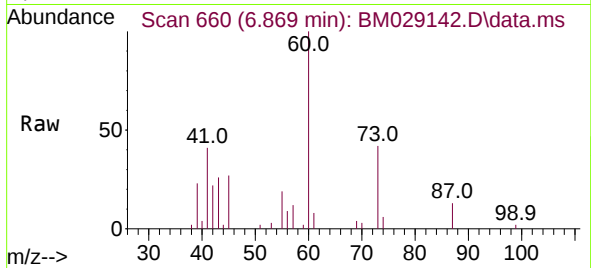
Ion 63.00 (62.70 to 63.70): BM029142.D\data.ms



#7
Phenol-d6
Concen: 0.53 ng
RT: 6.869 min Scan# 660
Delta R.T. 0.047 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

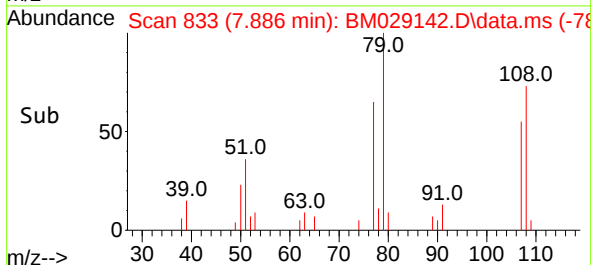
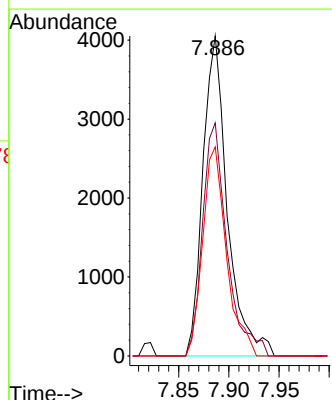
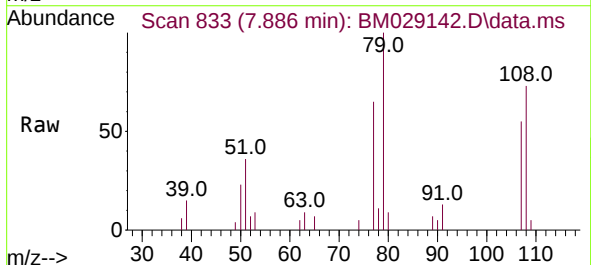
Instrument :
BNA_M
ClientSampleId :

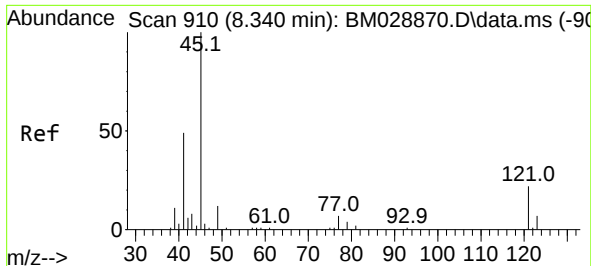
Tgt Ion: 99 Resp: 372
Ion Ratio Lower Upper
99 100
42 1099.6 13.5 20.3#
71 0.0 39.4 59.0#



#15
Benzyl Alcohol
Concen: 13.73 ng
RT: 7.886 min Scan# 833
Delta R.T. -0.000 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

Tgt Ion: 79 Resp: 6885
Ion Ratio Lower Upper
79 100
108 72.8 49.0 73.4
77 65.3 55.2 82.8

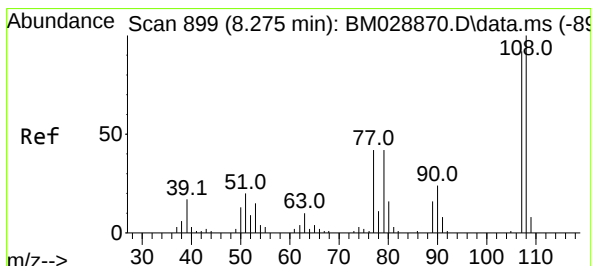
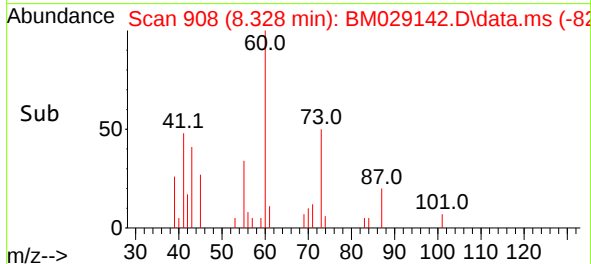
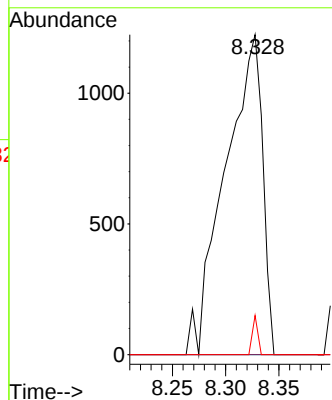
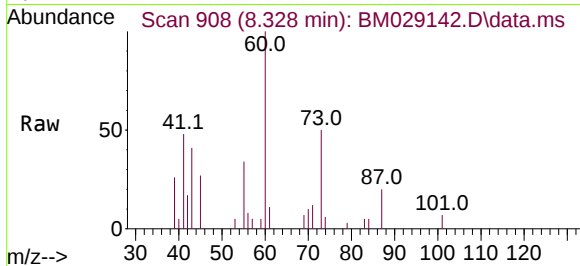




#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.65 ng
RT: 8.328 min Scan# 908
Delta R.T. 0.165 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

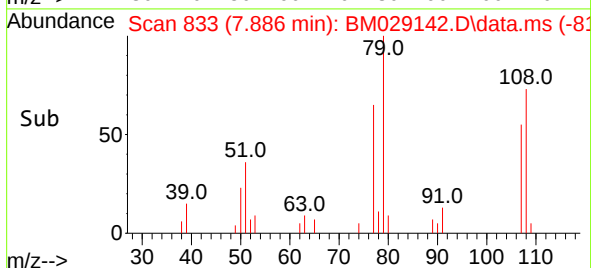
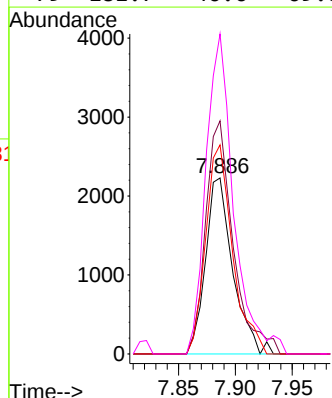
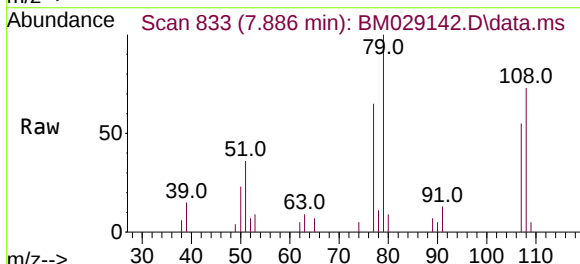
Instrument :
BNA_M
ClientSampled :

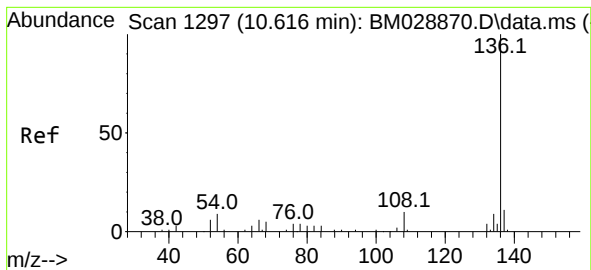
Tgt Ion: 45 Resp: 2976
Ion Ratio Lower Upper
45 100
77 0.0 9.5 49.5#
79 12.3 1.8 41.8



#17
2-Methylphenol
Concen: 7.84 ng
RT: 7.886 min Scan# 833
Delta R.T. -0.206 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

Tgt Ion: 107 Resp: 3710
Ion Ratio Lower Upper
107 100
108 132.4 87.8 131.6#
77 118.7 50.9 76.3#
79 181.7 46.6 69.8#

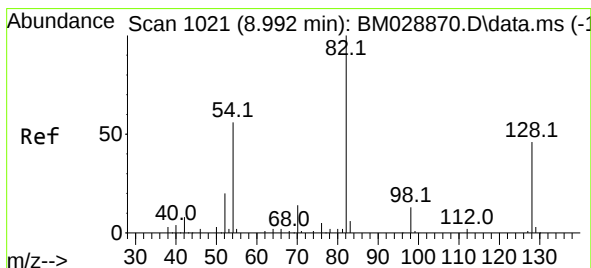
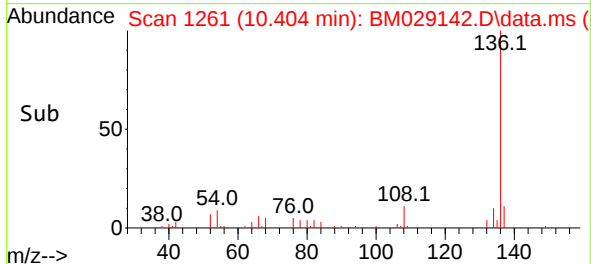
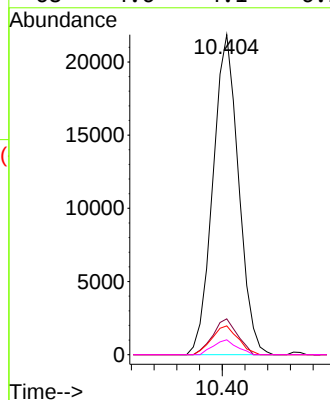
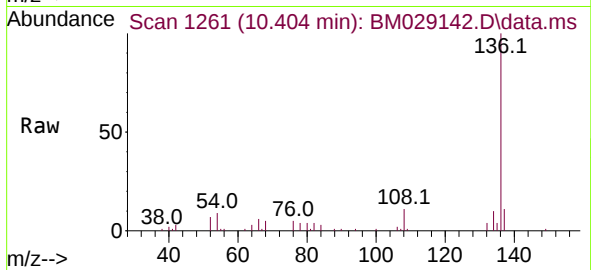




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

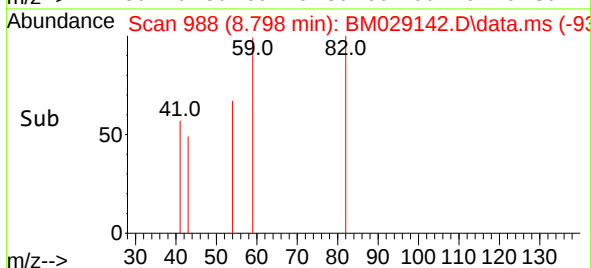
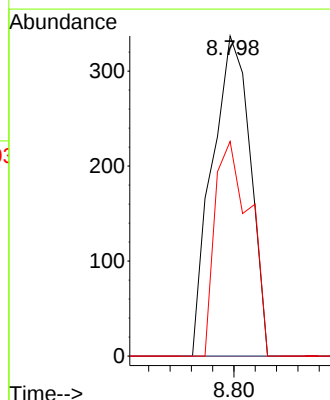
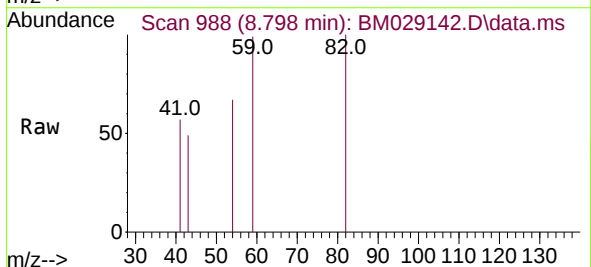
Instrument :
BNA_M
ClientSampled :

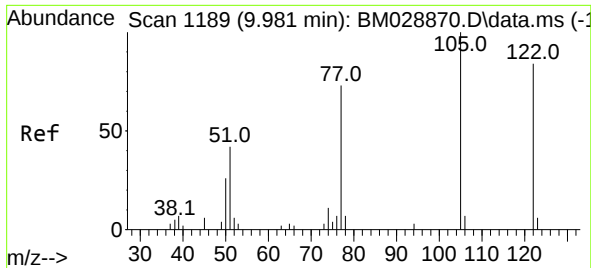
Tgt Ion:	136	Resp:	34287
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.0	4.6	7.0#
68	4.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 0.66 ng
RT: 8.798 min Scan# 988
Delta R.T. -0.000 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

Tgt Ion:	82	Resp:	419
Ion	Ratio	Lower	Upper
82	100		
128	0.0	27.4	41.0#
54	67.1	31.4	47.0#

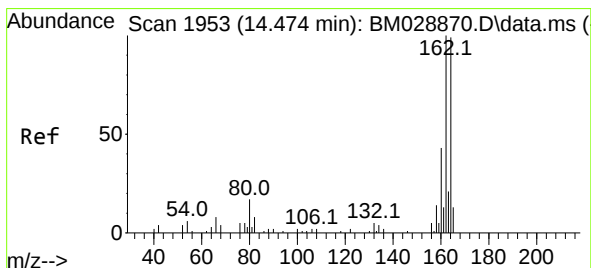
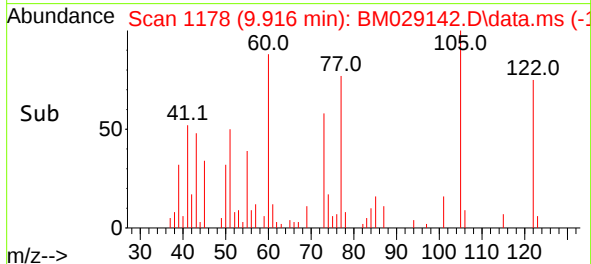
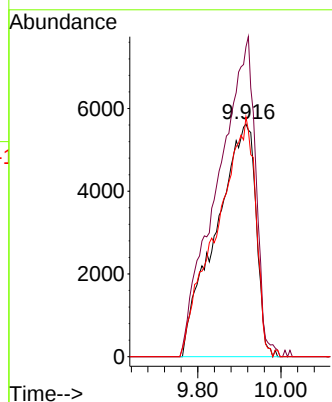
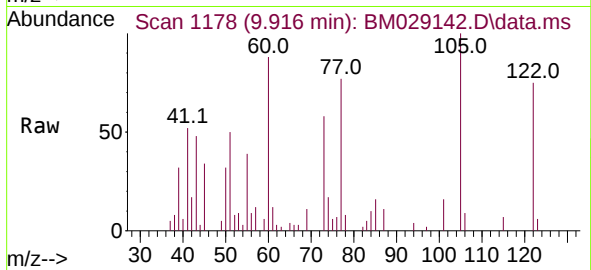




#32
Benzoic acid
Concen: 107.41 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.106 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

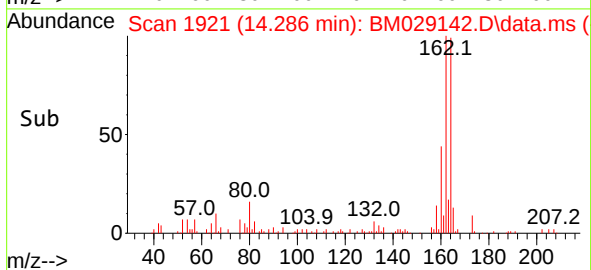
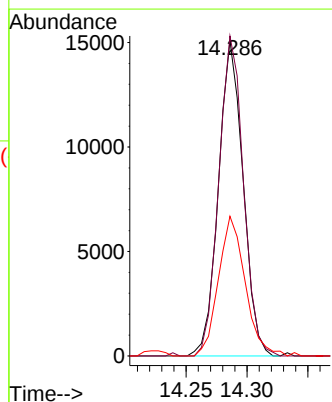
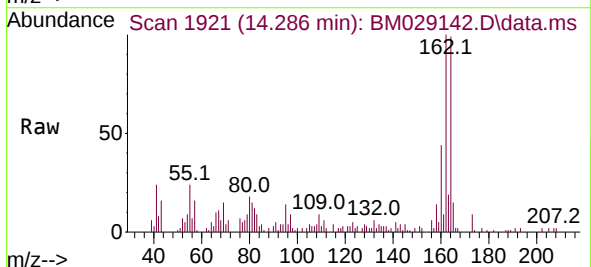
Instrument :
BNA_M
ClientSampleId :

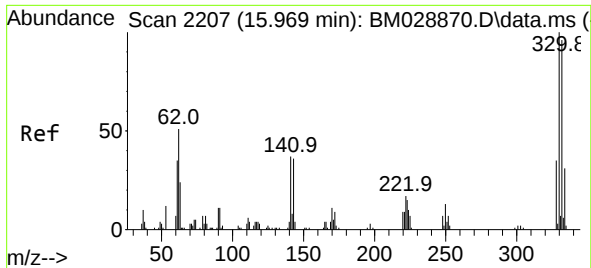
Tgt Ion:122 Resp: 37707
Ion Ratio Lower Upper
122 100
105 133.1 114.0 154.0
77 103.1 101.8 141.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

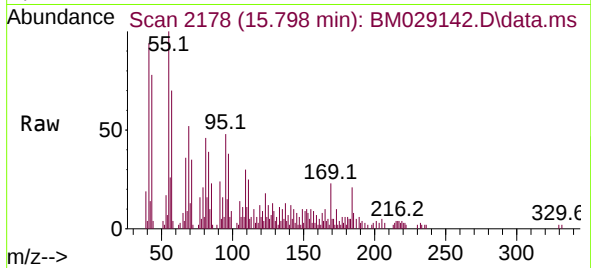
Tgt Ion:164 Resp: 21211
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 44.3 35.9 53.9



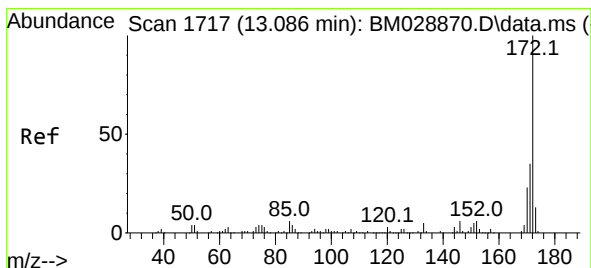
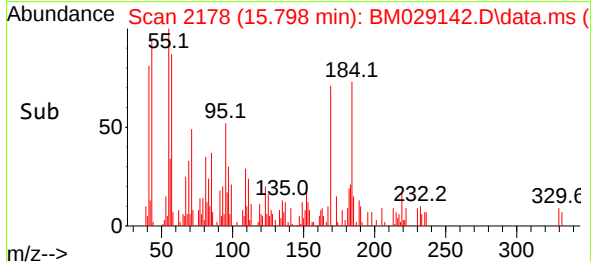
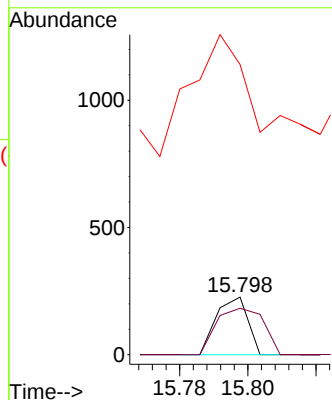


#42
2,4,6-Tribromophenol
Concen: 0.58 ng
RT: 15.798 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

Instrument :
BNA_M
ClientSampled :

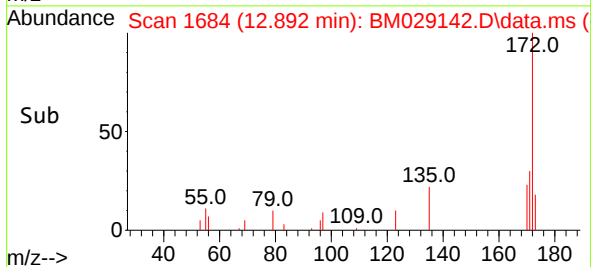
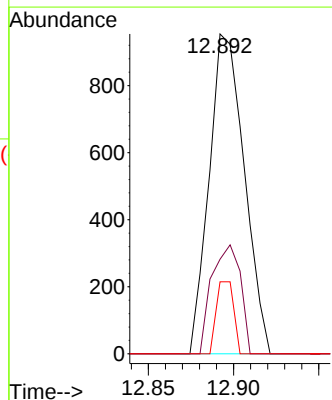
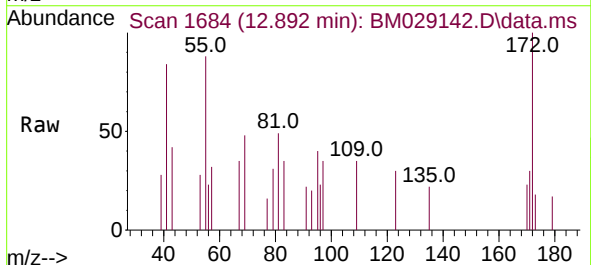


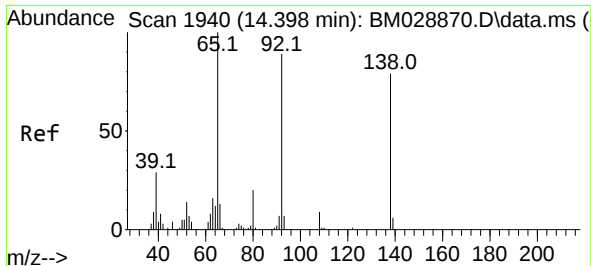
Tgt Ion:330 Resp: 145
Ion Ratio Lower Upper
330 100
332 120.0 77.8 116.8#
141 343.4 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 0.86 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

Tgt Ion:172 Resp: 1368
Ion Ratio Lower Upper
172 100
171 29.6 27.8 41.8
170 22.5 18.6 27.8

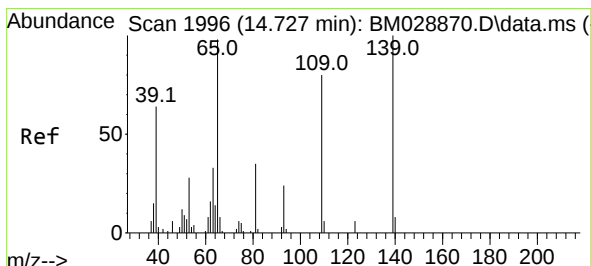
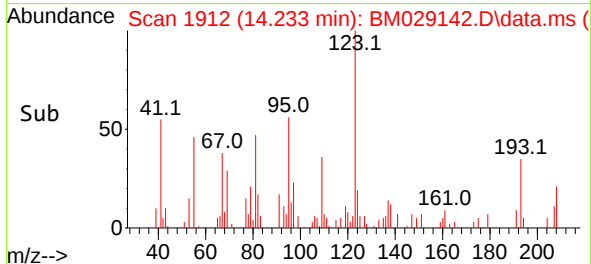
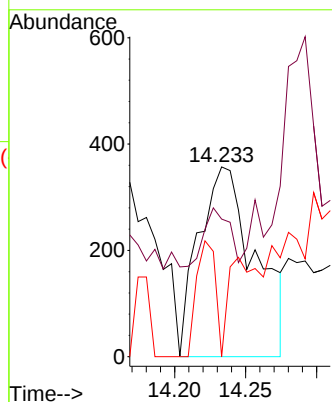
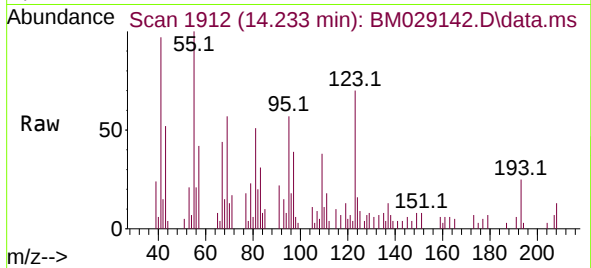




#53
3-Nitroaniline
Concen: 2.69 ng
RT: 14.233 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

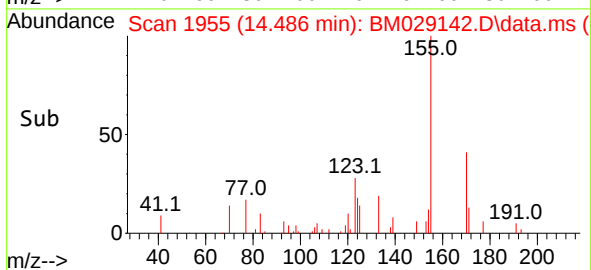
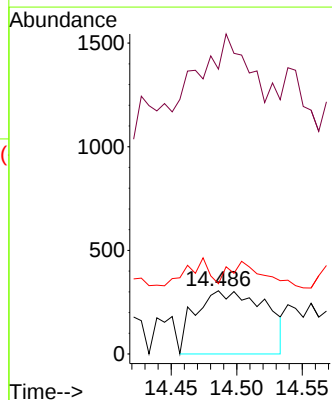
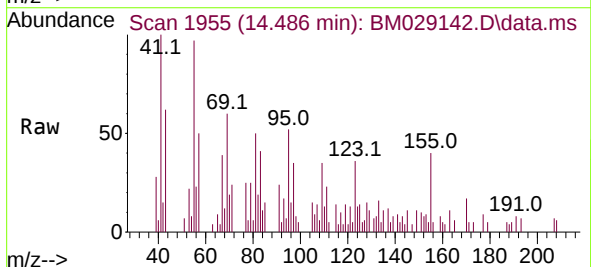
Instrument :
BNA_M
ClientSampled :

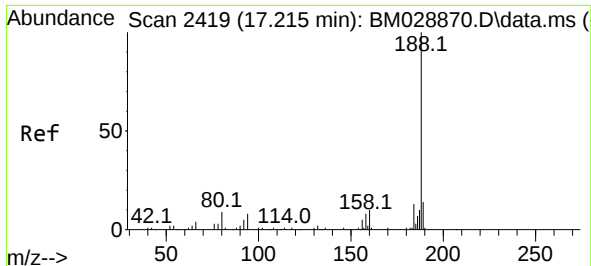
Tgt Ion:138 Resp: 983
Ion Ratio Lower Upper
138 100
108 72.5 8.6 13.0#
92 0.0 102.1 153.1#



#56
4-Nitrophenol
Concen: 3.77 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.088 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

Tgt Ion:139 Resp: 1130
Ion Ratio Lower Upper
139 100
109 450.5 77.0 117.0#
65 111.1 103.4 143.4

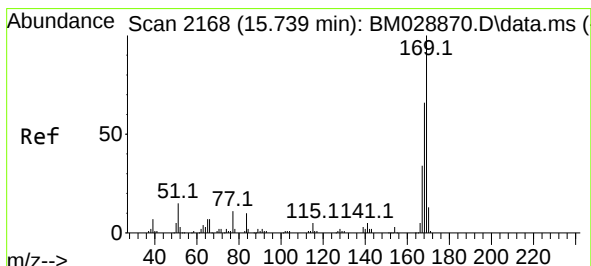
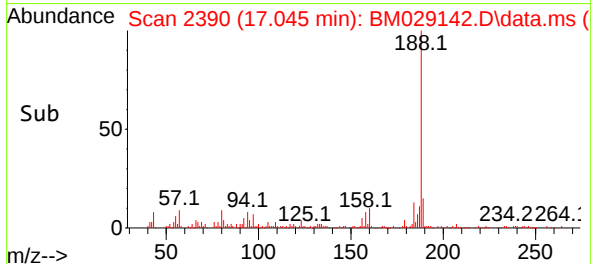
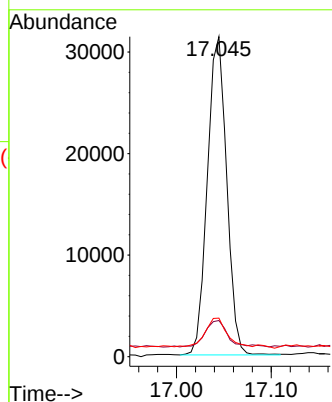
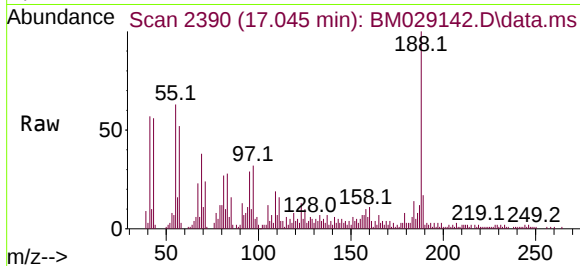




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.045 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

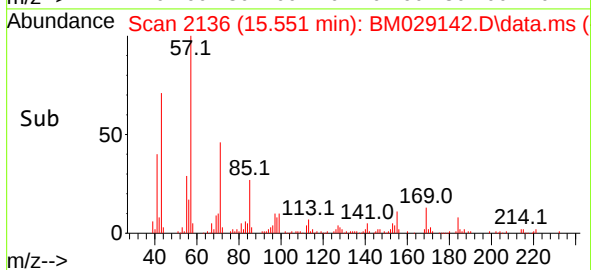
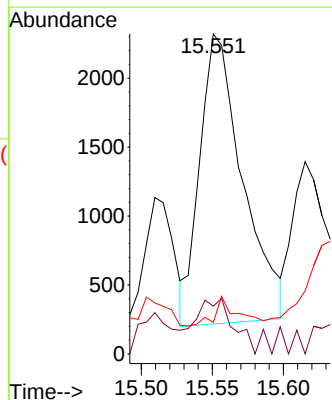
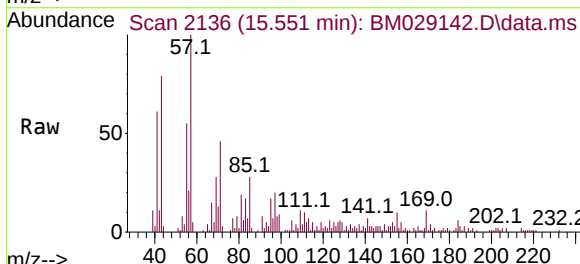
Instrument :
BNA_M
ClientSampleId :

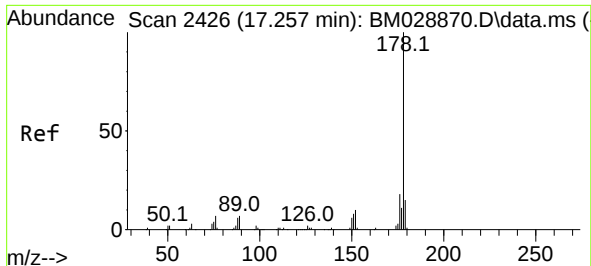
Tgt Ion:188 Resp: 44291
Ion Ratio Lower Upper
188 100
94 11.3 6.2 9.4#
80 12.0 7.5 11.3#



#66
n-Nitrosodiphenylamine
Concen: 2.91 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

Tgt Ion:169 Resp: 4413
Ion Ratio Lower Upper
169 100
168 14.9 53.8 80.8#
167 9.8 29.0 43.4#

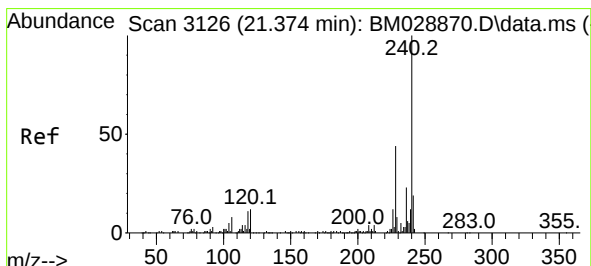
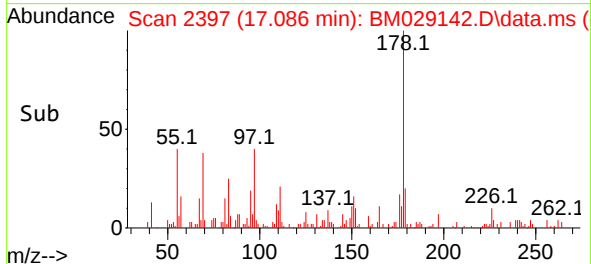
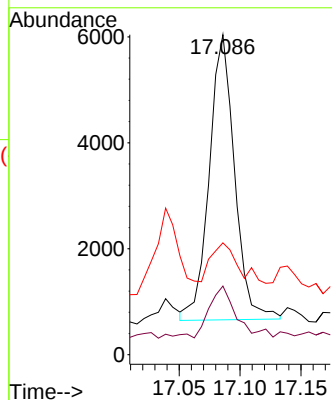
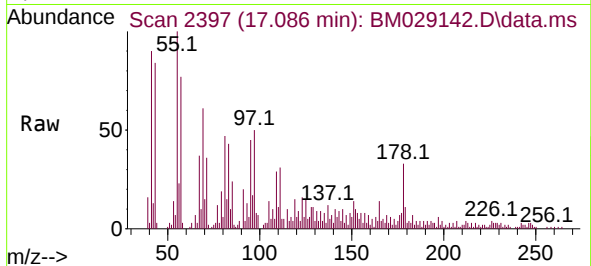




#71
Phenanthrene
Concen: 2.96 ng
RT: 17.086 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

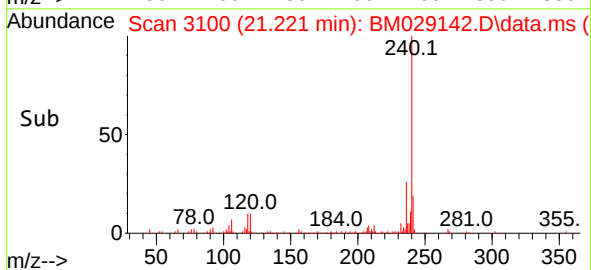
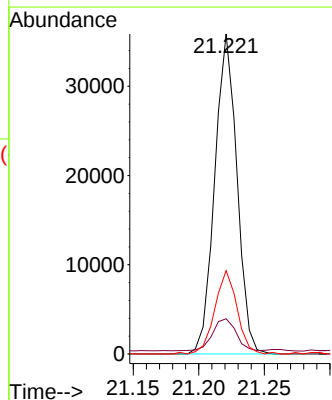
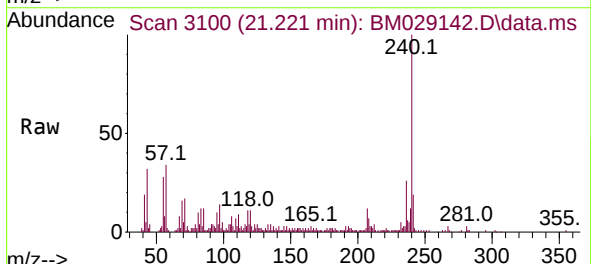
Instrument :
BNA_M
ClientSampled :

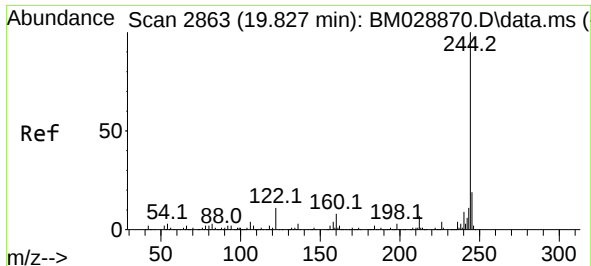
Tgt Ion:178 Resp: 7802
Ion Ratio Lower Upper
178 100
176 21.5 15.0 22.6
179 35.0 12.2 18.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.221 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

Tgt Ion:240 Resp: 42240
Ion Ratio Lower Upper
240 100
120 11.0 6.4 9.6#
236 26.1 20.1 30.1

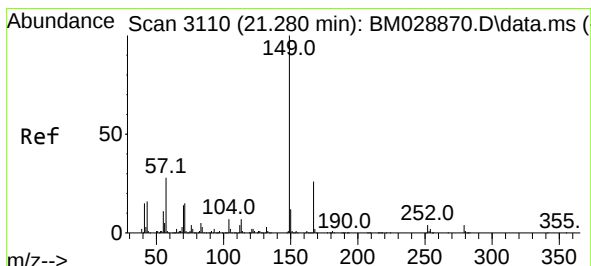
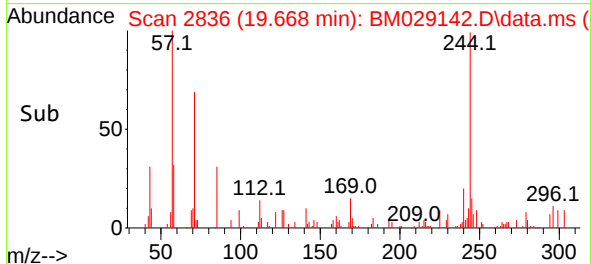
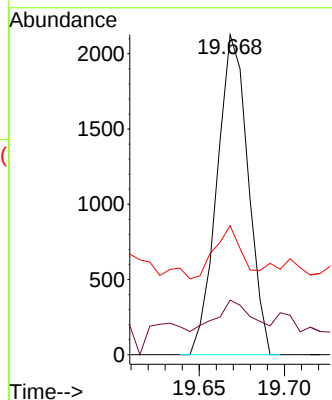
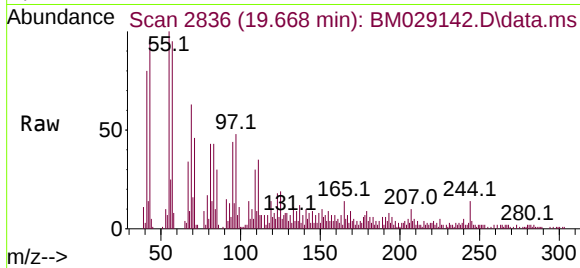




#79
 Terphenyl-d14
 Concen: 1.18 ng
 RT: 19.668 min Scan# 2836
 Delta R.T. -0.006 min
 Lab File: BM029142.D
 Acq: 15 Mar 2021 22:28

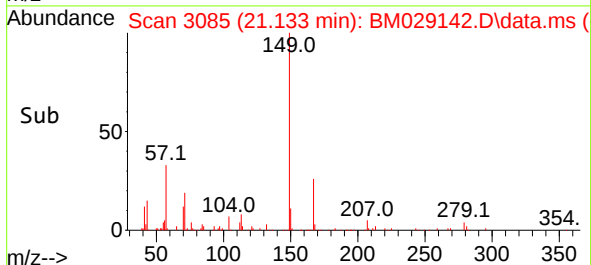
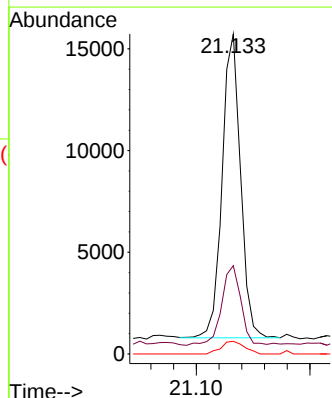
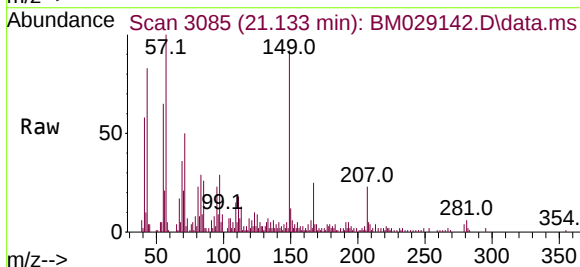
Instrument :
 BNA_M
 ClientSampled :

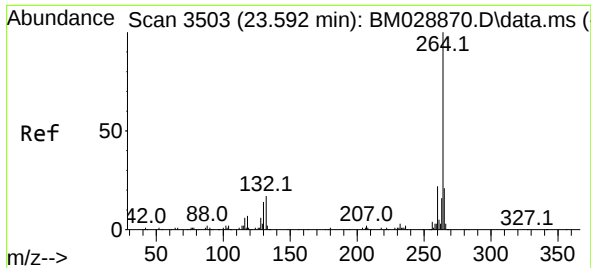
Tgt Ion:244 Resp: 2698
 Ion Ratio Lower Upper
 244 100
 212 17.1 5.8 8.8#
 122 40.3 6.5 9.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.73 ng
 RT: 21.133 min Scan# 3085
 Delta R.T. -0.006 min
 Lab File: BM029142.D
 Acq: 15 Mar 2021 22:28

Tgt Ion:149 Resp: 16776
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.7 34.1
 279 4.0 4.0 6.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.356 min Scan# 3463
Delta R.T. -0.012 min
Lab File: BM029142.D
Acq: 15 Mar 2021 22:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264	Resp:	43414
Ion Ratio	Lower	Upper
264	100	
260	22.2	19.0 28.4
265	22.5	17.7 26.5

