

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
 Data File : BM029140.D
 Acq On : 15 Mar 2021 21:15
 Operator : CG/JU
 Sample : M1666-02 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 1858

Quant Time: Mar 16 00:30:47 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)

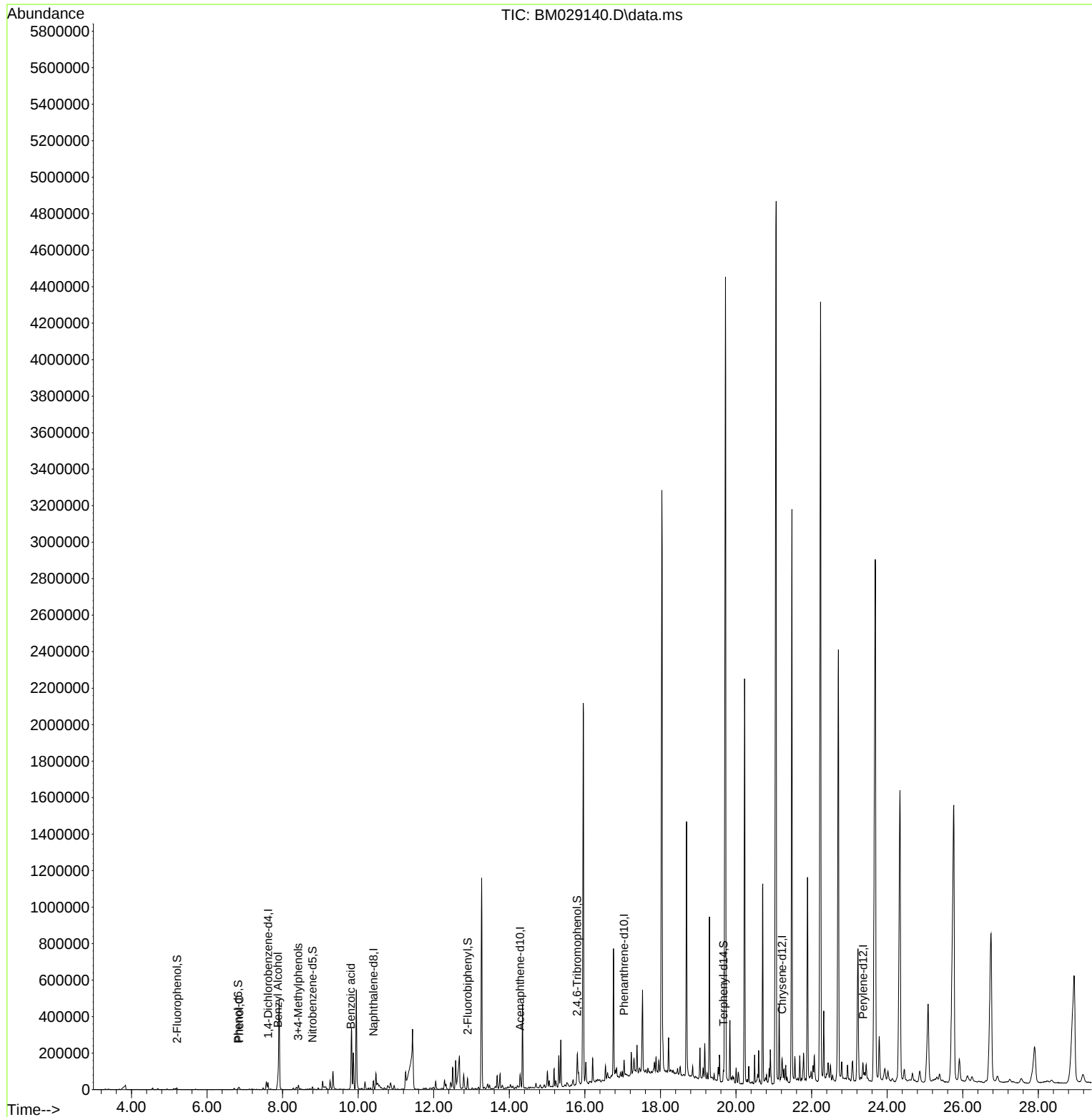
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	8829	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	34646	20.00	ng	#-0.01
39) Acenaphthene-d10	14.286	164	21101	20.00	ng	-0.01
64) Phenanthrene-d10	17.039	188	42890	20.00	ng	0.00
76) Chrysene-d12	21.221	240	42111	20.00	ng	# 0.00
86) Perylene-d12	23.362	264	44168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.204	112	4775	8.96	ng	0.00
7) Phenol-d6	6.822	99	3902	5.55	ng	0.00
23) Nitrobenzene-d5	8.792	82	7930	12.35	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	4131	16.52	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	17269	10.89	ng	0.00
79) Terphenyl-d14	19.668	244	23548	10.33	ng	0.00
Target Compounds						
10) Phenol	6.851	94	6882	9.84	ng	Qvalue 89
15) Benzyl Alcohol	7.881	79	31247	62.11	ng	# 87
20) 3+4-Methylphenols	8.416	107	10002	15.66	ng	89
32) Benzoic acid	9.804	122	4857	13.69	ng	# 83

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

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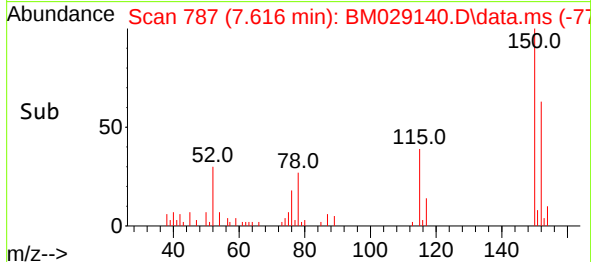
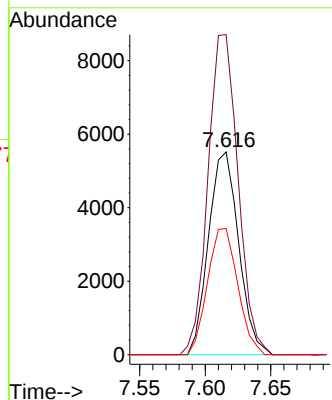
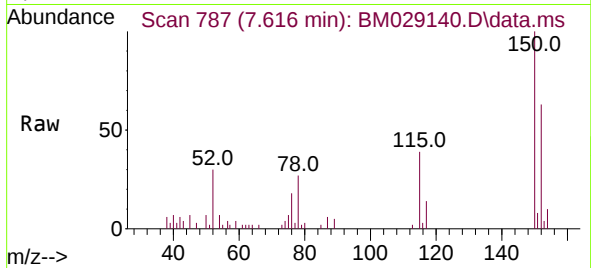




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

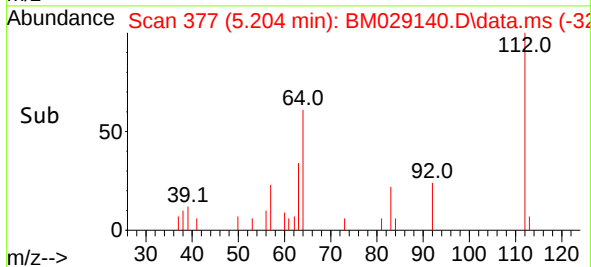
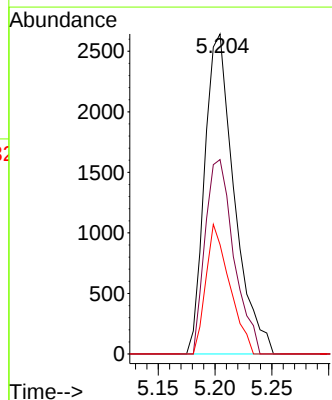
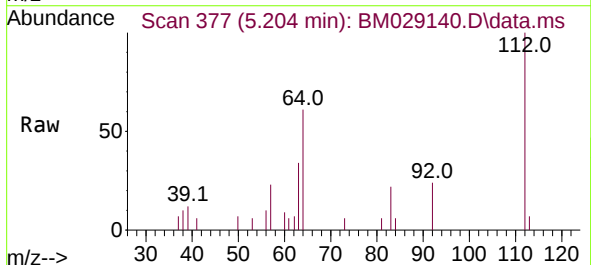
Instrument :
BNA_M
ClientSampleId :
1858

Tgt Ion:152 Resp: 8829
Ion Ratio Lower Upper
152 100
150 157.9 120.6 181.0
115 62.3 47.2 70.8



#5
2-Fluorophenol
Concen: 8.96 ng
RT: 5.204 min Scan# 377
Delta R.T. 0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

Tgt Ion:112 Resp: 4775
Ion Ratio Lower Upper
112 100
64 60.8 50.6 76.0
63 34.2 31.0 46.6

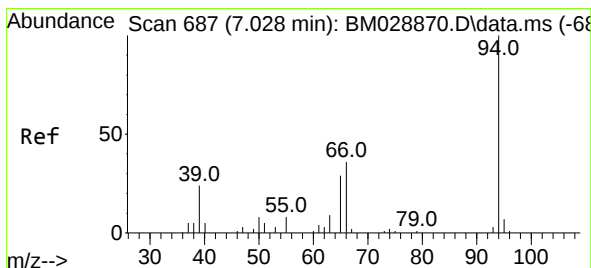
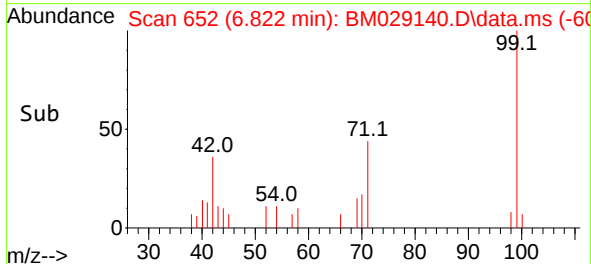
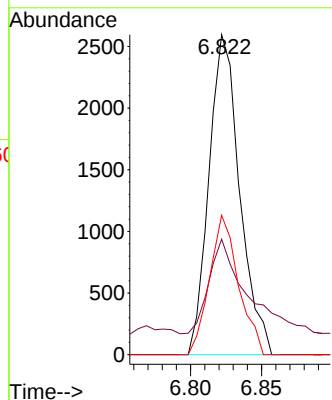
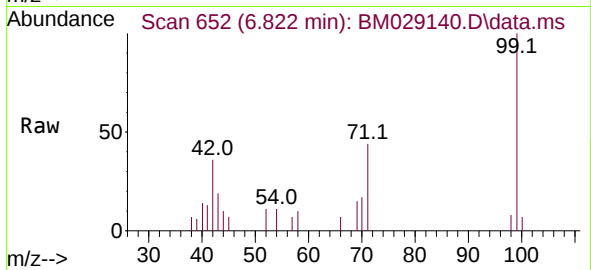




#7
Phenol-d6
Concen: 5.55 ng
RT: 6.822 min Scan# 652
Delta R.T. 0.000 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

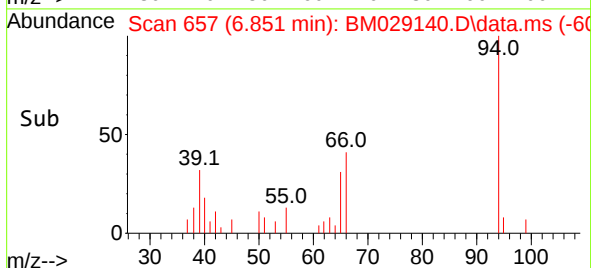
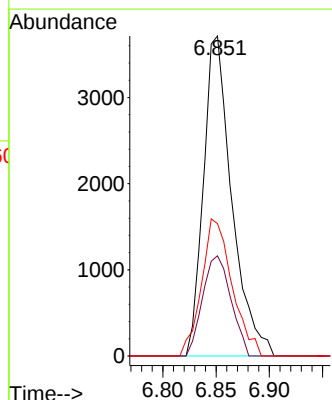
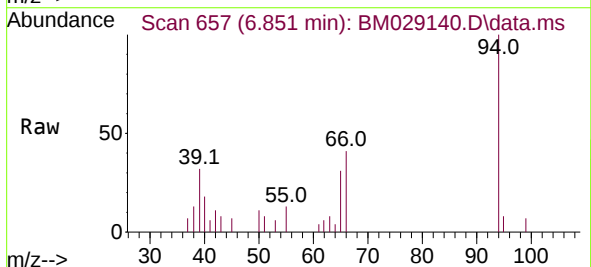
Instrument :
BNA_M
ClientSampleId :
1858

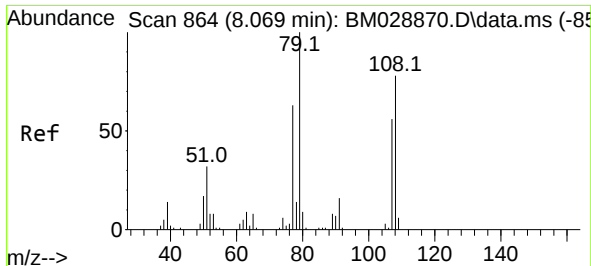
Tgt Ion: 99 Resp: 3902
Ion Ratio Lower Upper
99 100
42 36.1 13.5 20.3#
71 43.5 39.4 59.0



#10
Phenol
Concen: 9.84 ng
RT: 6.851 min Scan# 657
Delta R.T. 0.000 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

Tgt Ion: 94 Resp: 6882
Ion Ratio Lower Upper
94 100
65 31.3 16.4 56.4
66 41.4 30.2 70.2

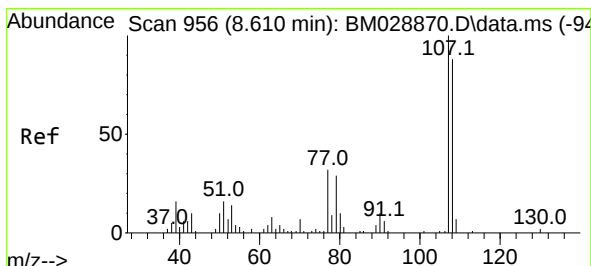
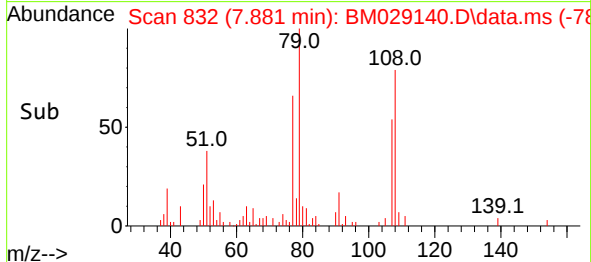
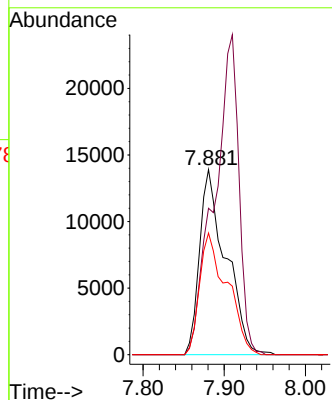
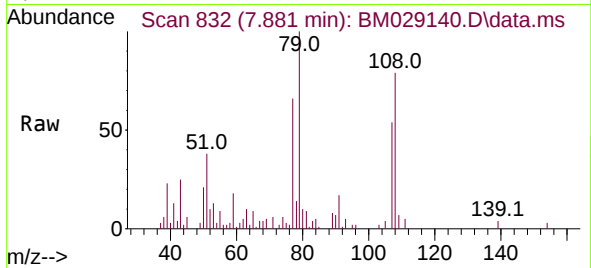




#15
Benzyl Alcohol
Concen: 62.11 ng
RT: 7.881 min Scan# 832
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

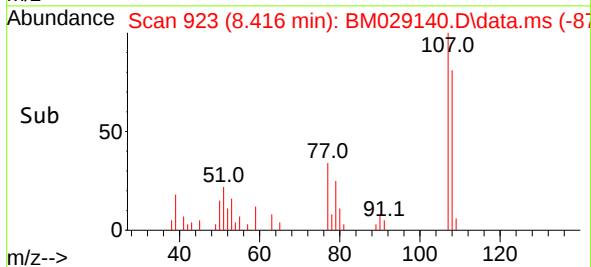
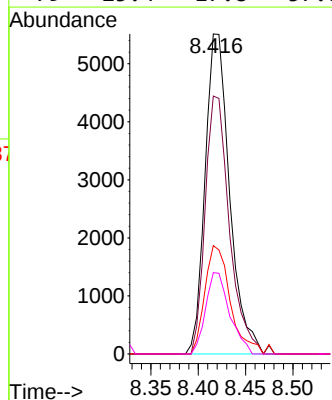
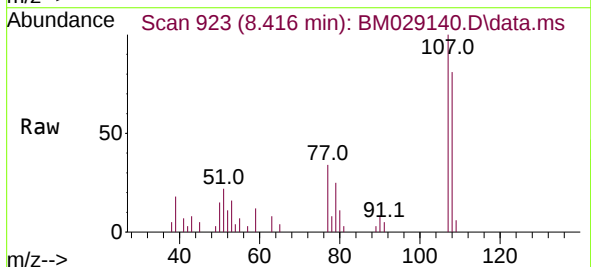
Instrument :
BNA_M
ClientSampleId :
1858

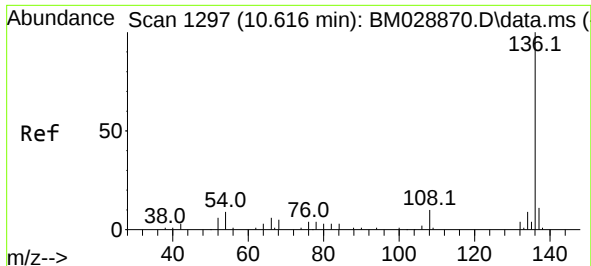
Tgt Ion: 79 Resp: 31247
Ion Ratio Lower Upper
79 100
108 79.0 49.0 73.4#
77 65.6 55.2 82.8



#20
3+4-Methylphenols
Concen: 15.66 ng
RT: 8.416 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

Tgt Ion: 107 Resp: 10002
Ion Ratio Lower Upper
107 100
108 80.6 64.5 104.5
77 33.8 24.2 64.2
79 25.4 17.8 57.8

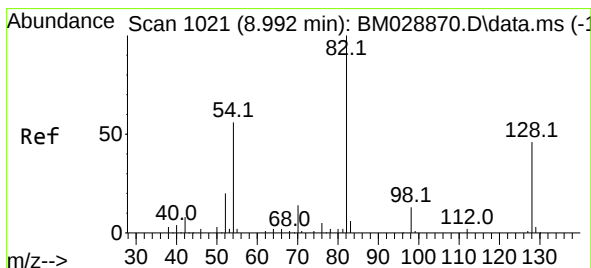
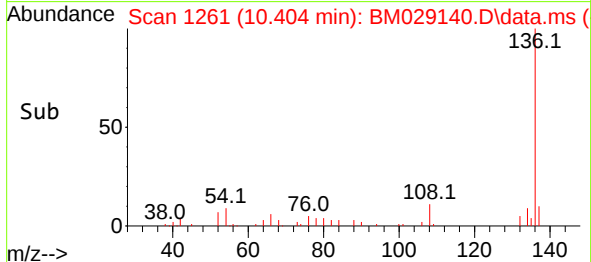
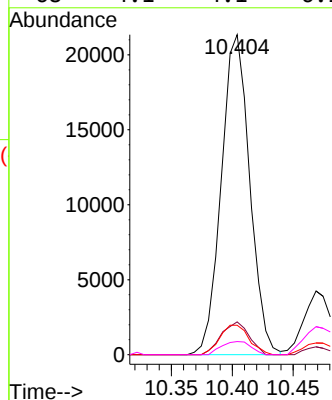
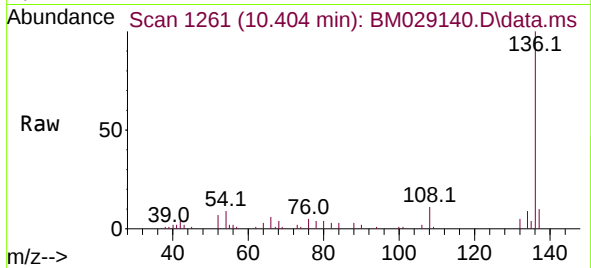




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

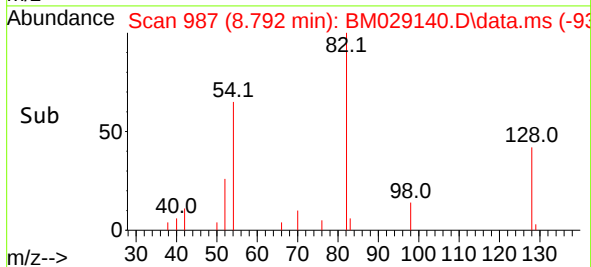
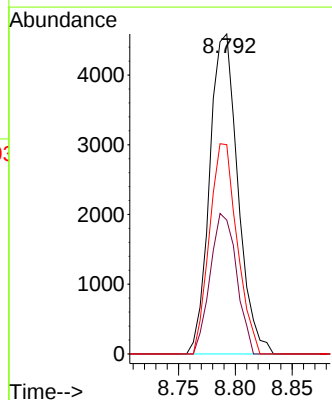
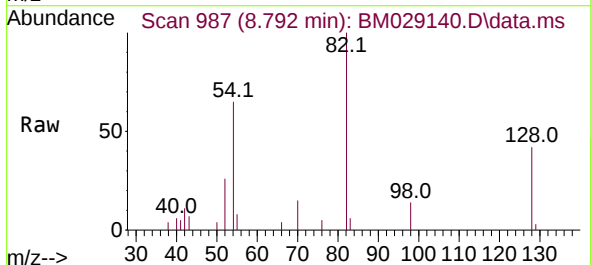
Instrument :
BNA_M
ClientSampled :
1858

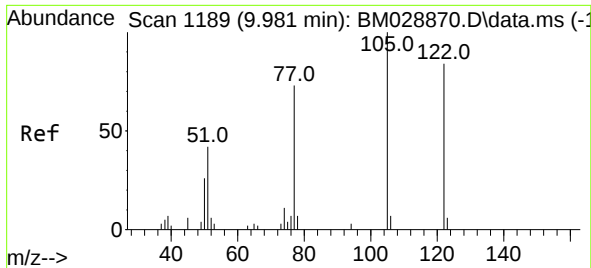
Tgt Ion:	136	Resp:	34646
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	9.2	4.6	7.0#
68	4.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 12.35 ng
RT: 8.792 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

Tgt Ion:	82	Resp:	7930
Ion	Ratio	Lower	Upper
82	100		
128	41.9	27.4	41.0#
54	65.4	31.4	47.0#

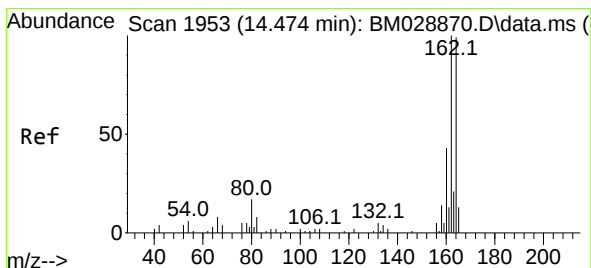
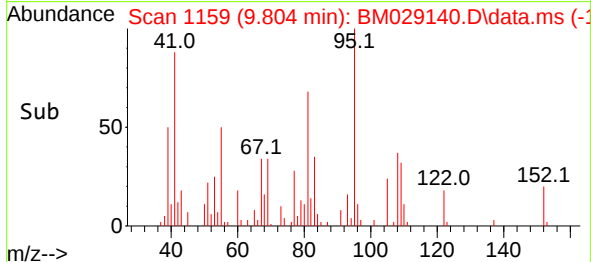
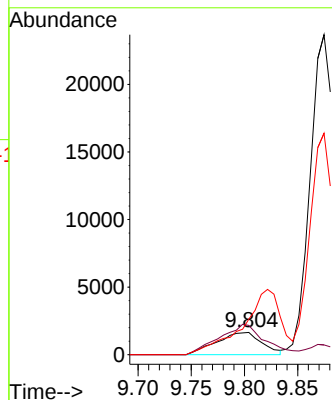
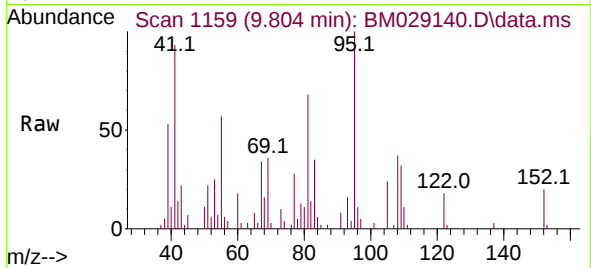




#32
Benzoic acid
Concen: 13.69 ng
RT: 9.804 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

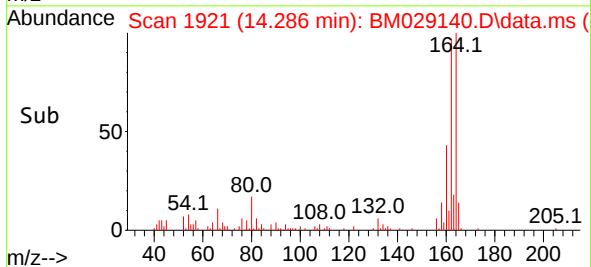
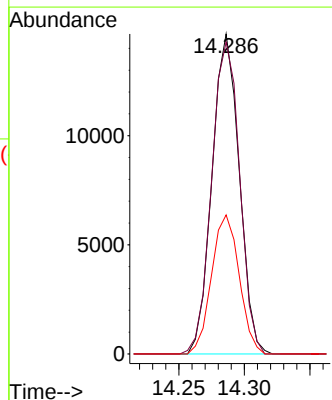
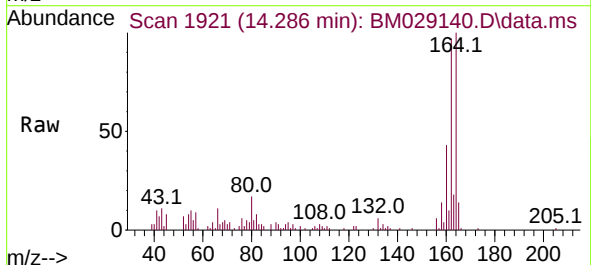
Instrument :
BNA_M
ClientSampleId :
1858

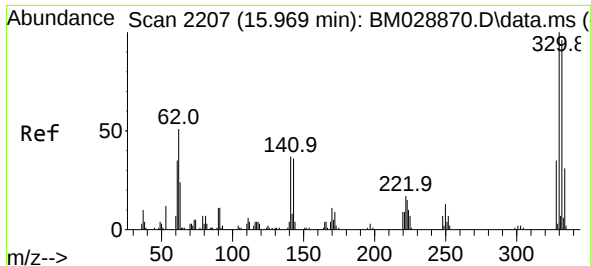
Tgt Ion:122 Resp: 4857
Ion Ratio Lower Upper
122 100
105 131.5 114.0 154.0
77 158.8 101.8 141.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

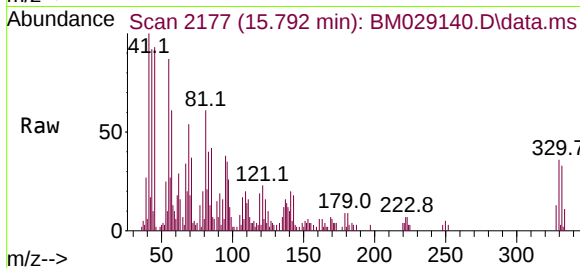
Tgt Ion:164 Resp: 21101
Ion Ratio Lower Upper
164 100
162 97.5 80.4 120.6
160 43.5 35.9 53.9



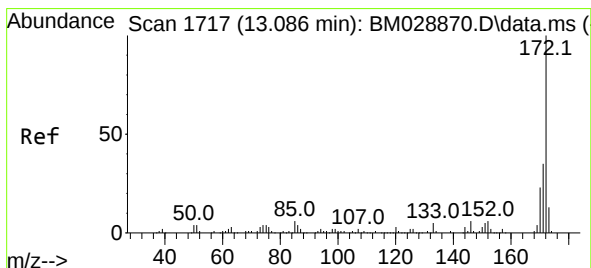
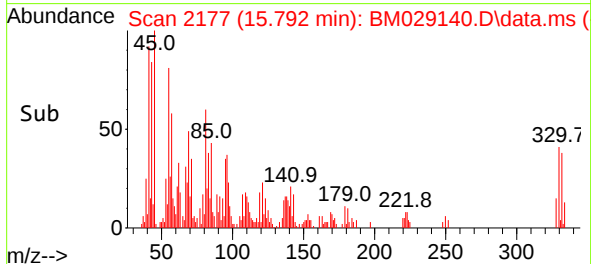
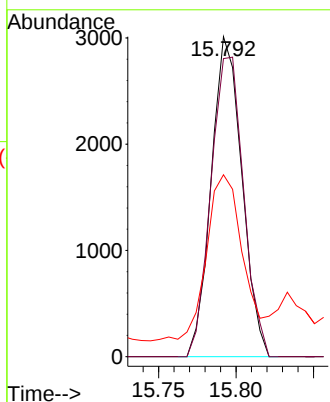


#42
2,4,6-Tribromophenol
Concen: 16.52 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

Instrument :
BNA_M
ClientSampleId :
1858

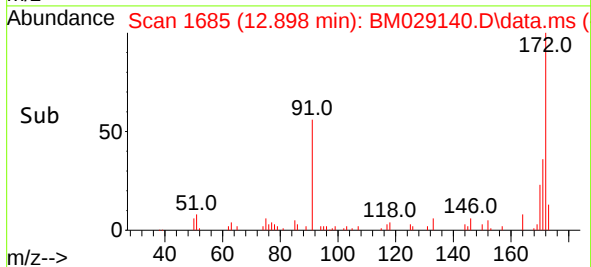
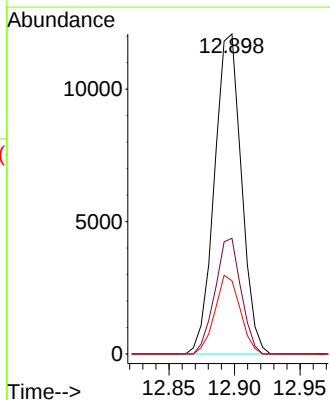
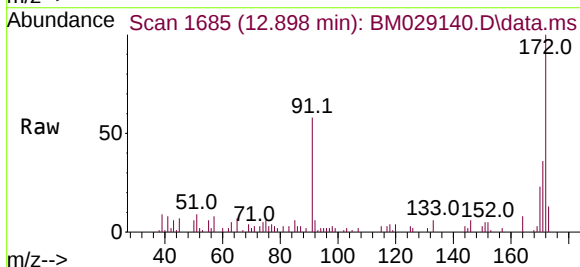


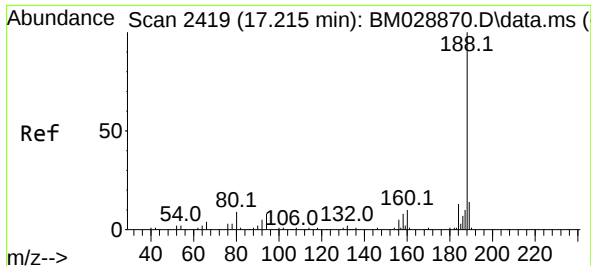
Tgt Ion:330 Resp: 4131
Ion Ratio Lower Upper
330 100
332 100.0 77.8 116.8
141 60.4 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 10.89 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

Tgt Ion:172 Resp: 17269
Ion Ratio Lower Upper
172 100
171 36.2 27.8 41.8
170 22.9 18.6 27.8

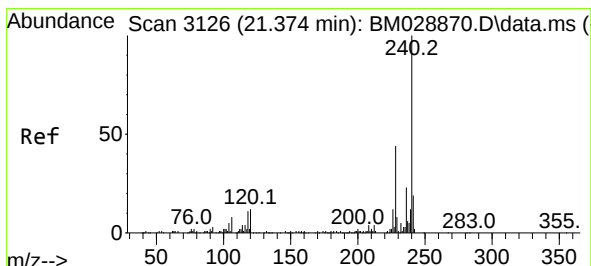
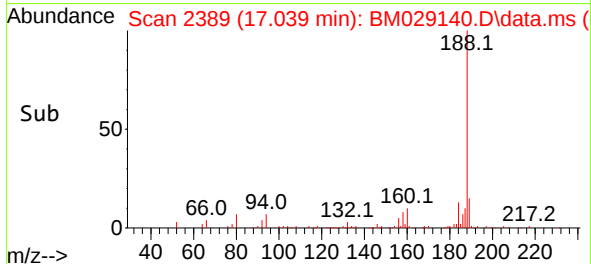
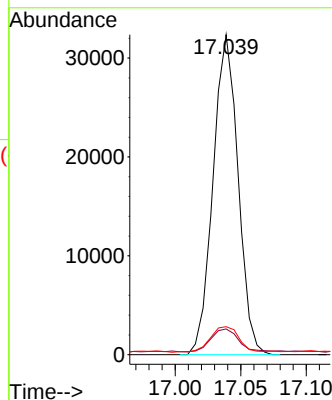
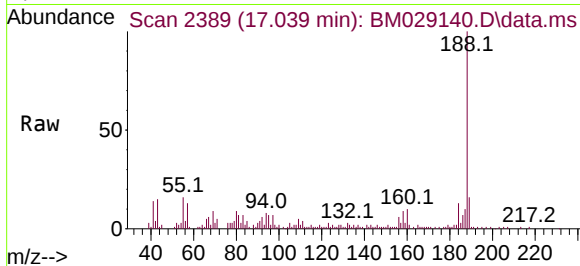




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.039 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

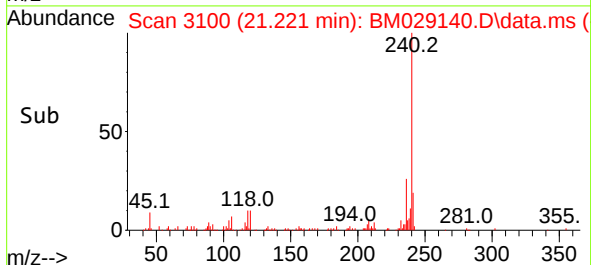
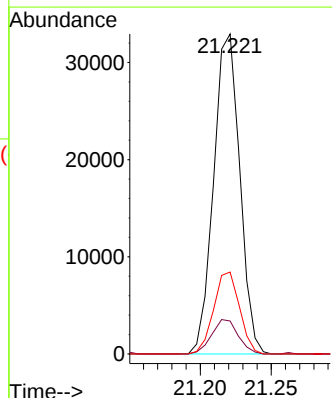
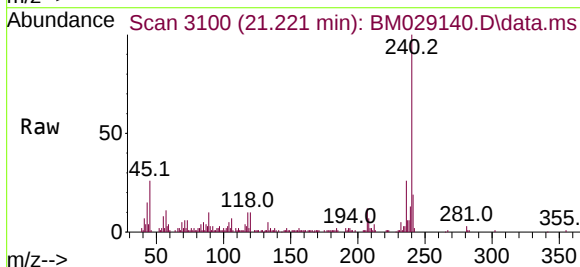
Instrument :
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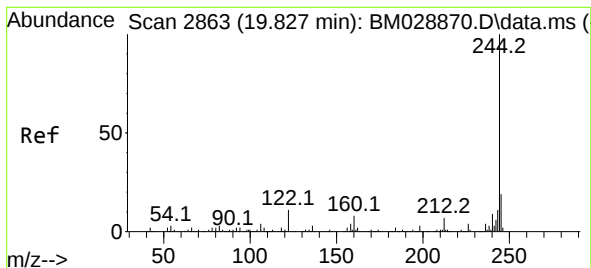
Tgt Ion:188 Resp: 42890
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.4
80 8.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.221 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

Tgt Ion:240 Resp: 42111
Ion Ratio Lower Upper
240 100
120 10.3 6.4 9.6#
236 25.6 20.1 30.1





#79

Terphenyl-d14

Concen: 10.33 ng

RT: 19.668 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM029140.D

Acq: 15 Mar 2021 21:15

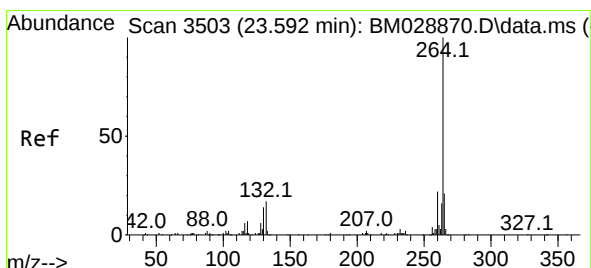
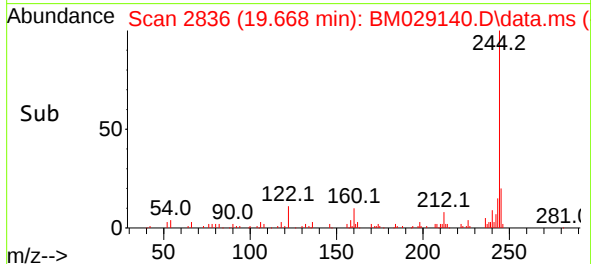
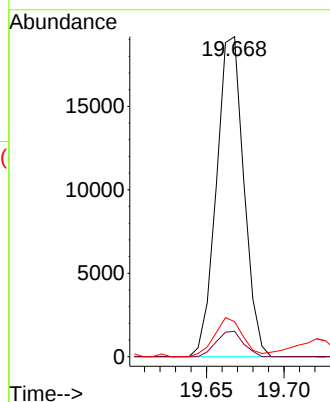
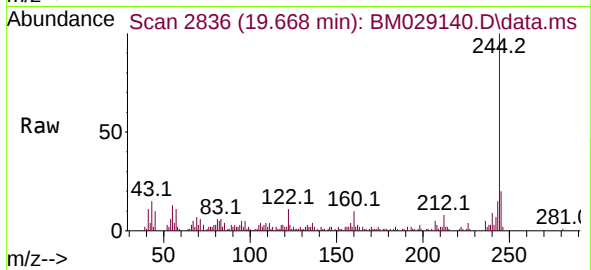
Tgt Ion:244 Resp: 23548

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

122 11.0 6.5 9.7#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.362 min Scan# 3464

Delta R.T. -0.006 min

Lab File: BM029140.D

Acq: 15 Mar 2021 21:15

Tgt Ion:264 Resp: 44168

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 22.6 17.7 26.5

