

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 :

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)

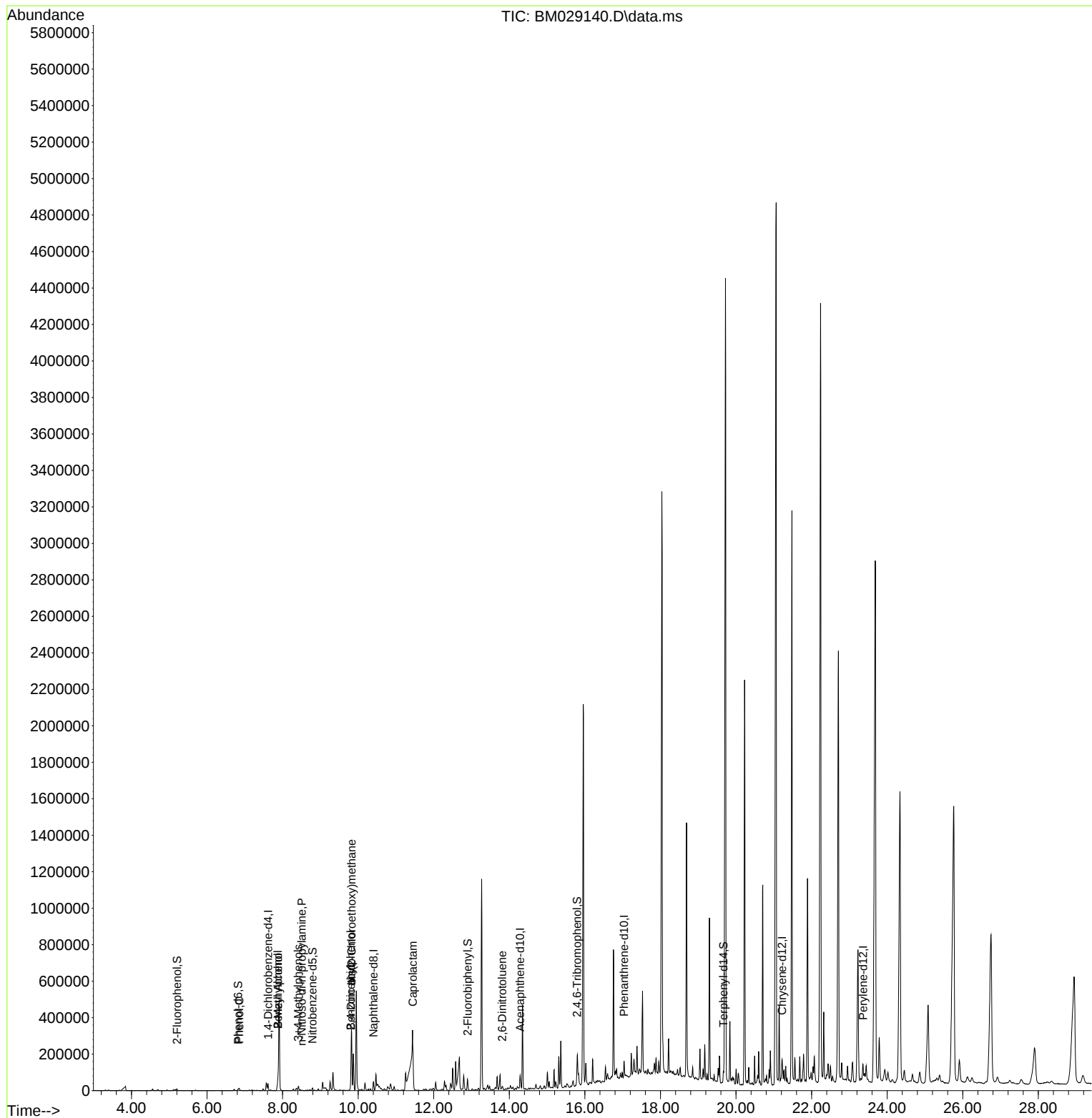
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	8829	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	34646	20.00	ng	#-0.01
39) Acenaphthene-d10	14.286	164	21101	20.00	ng	-0.01
64) Phenanthrene-d10	17.039	188	42890	20.00	ng	0.00
76) Chrysene-d12	21.221	240	42111	20.00	ng	# 0.00
86) Perylene-d12	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						
						Qvalue
10) Phenol	6.851	94	6882	9.84	ng	89
15) Benzyl Alcohol	7.881	79	31247	62.11	ng	# 87
17) 2-Methylphenol	7.881	107	15242	32.10	ng	# 19
19) n-Nitroso-di-n-propyla...	8.510	70	1098	2.65	ng	# 47
20) 3+4-Methylphenols	8.416	107	10002	15.66	ng	89
27) 2,4-Dimethylphenol	9.804	122	4857	9.81	ng	# 5
28) bis(2-Chloroethoxy)met...	9.822	93	10219	15.92	ng	# 1
32) Benzoic acid	9.804	122	4857	13.69	ng	# 83
35) Caprolactam	11.451	113	349	2.25	ng	# 1
51) 2,6-Dinitrotoluene	13.816	165	2128	5.71	ng	# 17

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

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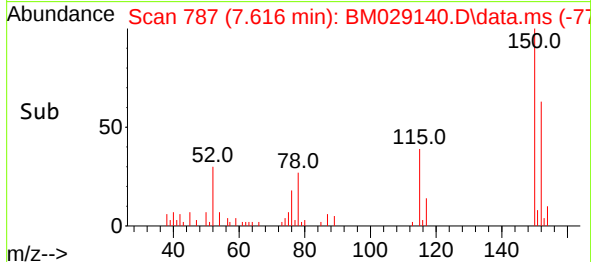
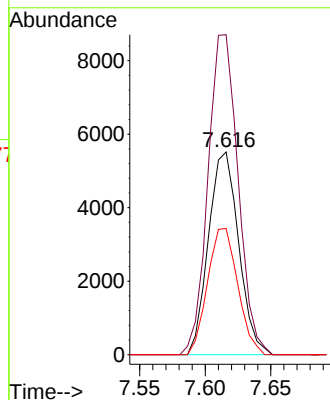
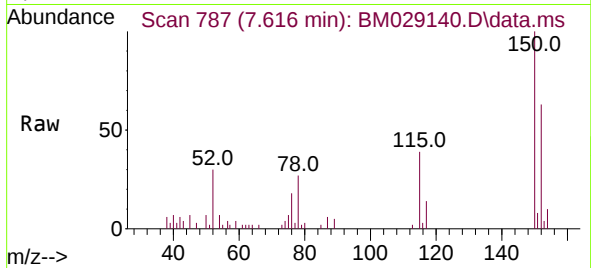




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

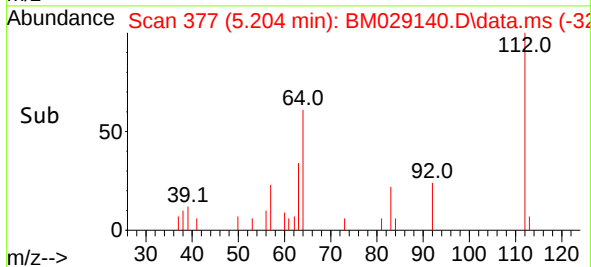
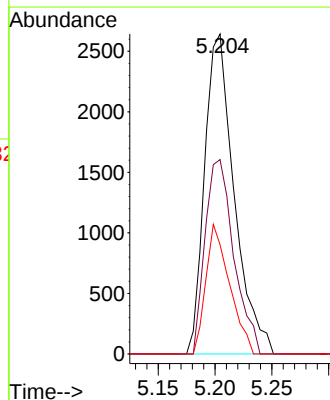
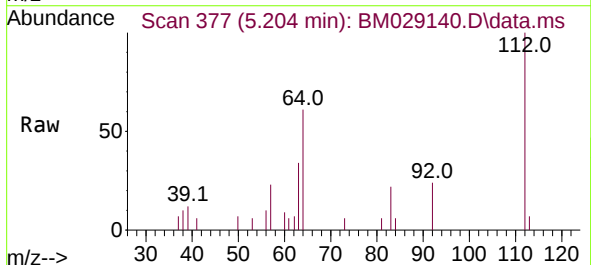
Instrument :
BNA_M
ClientSampled :

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

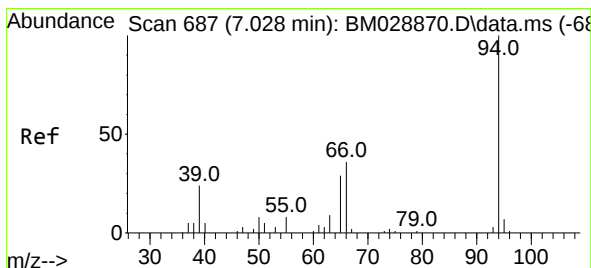
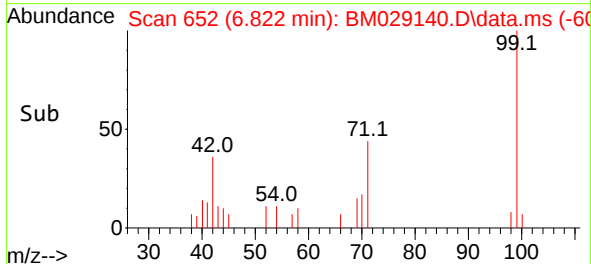
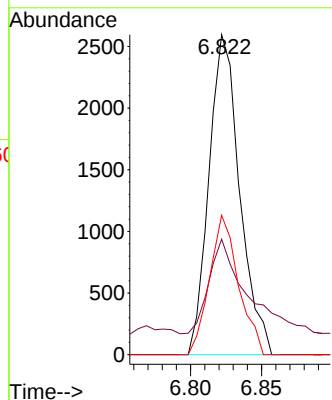
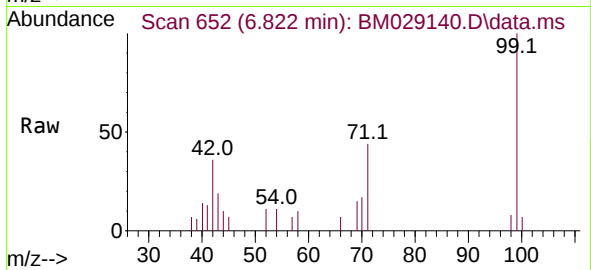




#7
Phenol-d6
Concen: 5.55 ng
RT: 6.822 min Scan# 652
Delta R.T. 0.000 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

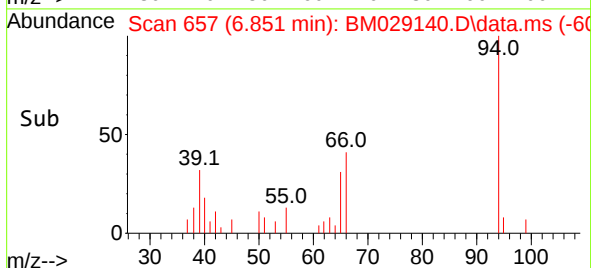
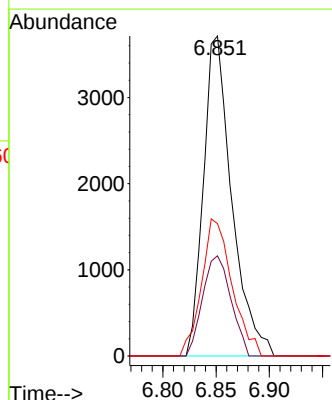
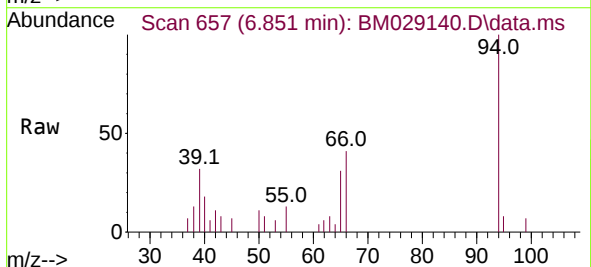
Instrument :
BNA_M
ClientSampleId :

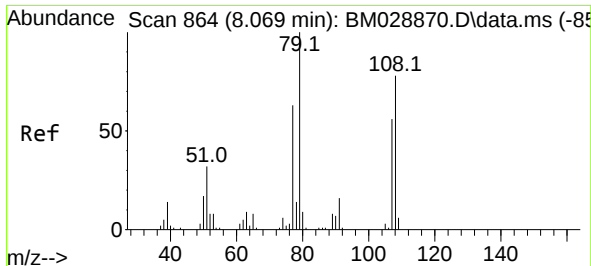
Tgt Ion: 99 Resp: 3902
Ion Ratio Lower Upper
99 100
42 36.1 13.5 20.3#
71 43.5 39.4 59.0



#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

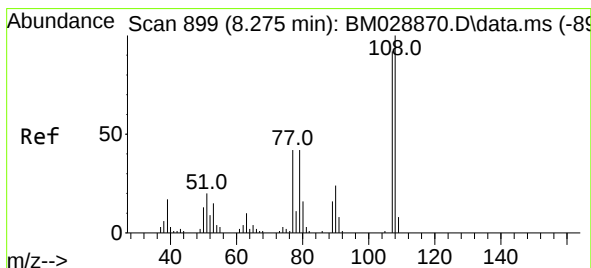
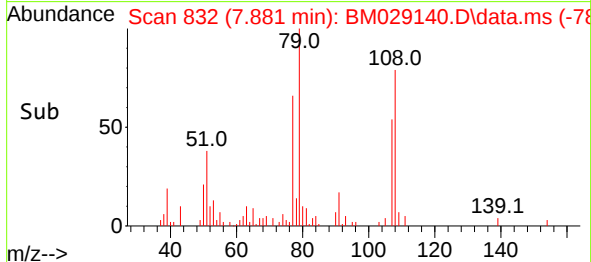
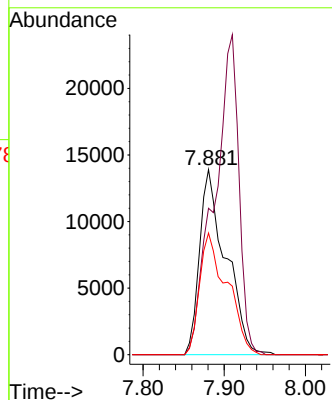
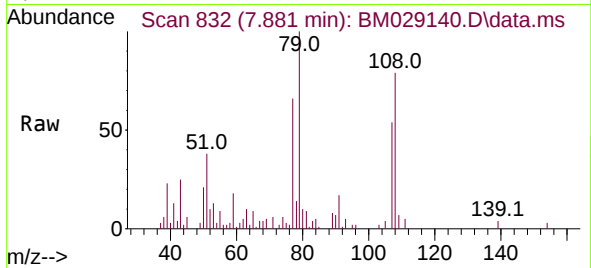




#15
Benzyl Alcohol
Concen: 62.11 ng
RT: 7.881 min Scan# 832
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

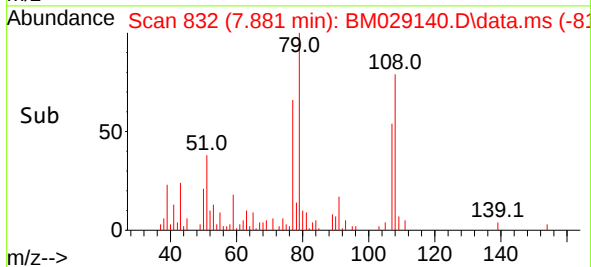
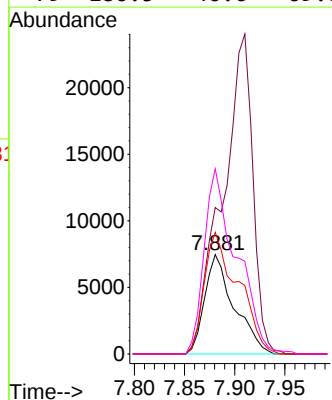
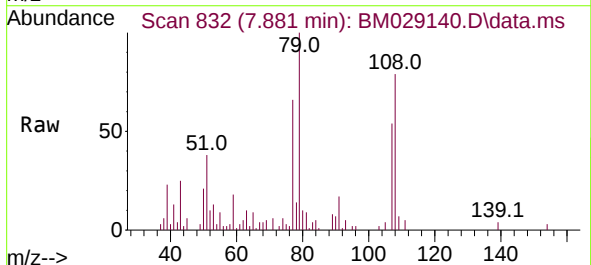
Instrument :
BNA_M
ClientSampleId :

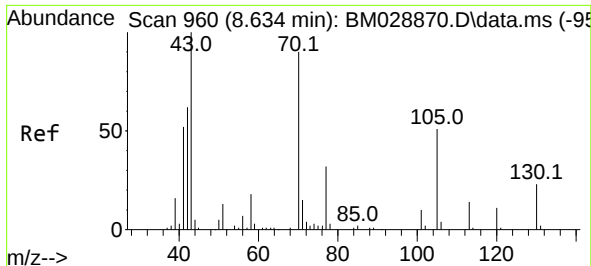
Tgt Ion: 79 Resp: 31247
Ion Ratio Lower Upper
79 100
108 79.0 49.0 73.4#
77 65.6 55.2 82.8



#17
2-Methylphenol
Concen: 32.10 ng
RT: 7.881 min Scan# 832
Delta R.T. -0.212 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

Tgt Ion:107 Resp: 15242
Ion Ratio Lower Upper
107 100
108 147.4 87.8 131.6#
77 122.4 50.9 76.3#
79 186.5 46.6 69.8#

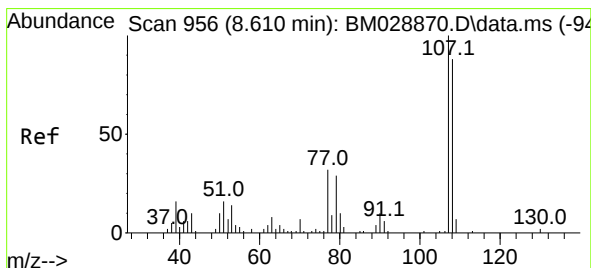
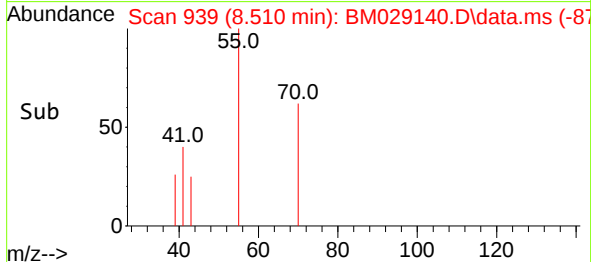
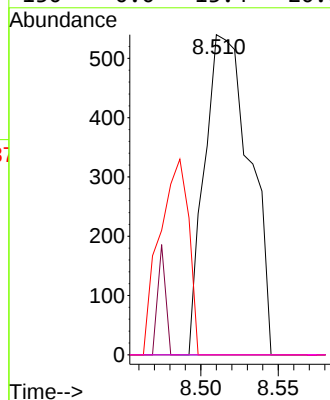
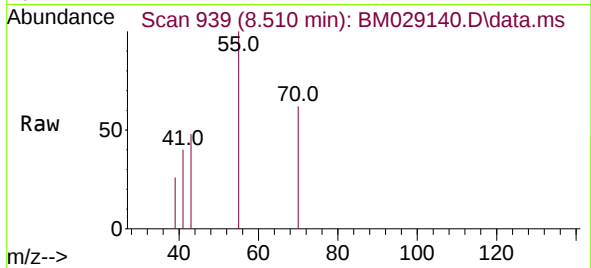




#19
n-Nitroso-di-n-propylamine
Concen: 2.65 ng
RT: 8.510 min Scan# 939
Delta R.T. 0.065 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

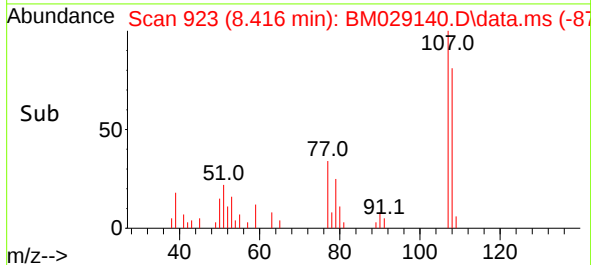
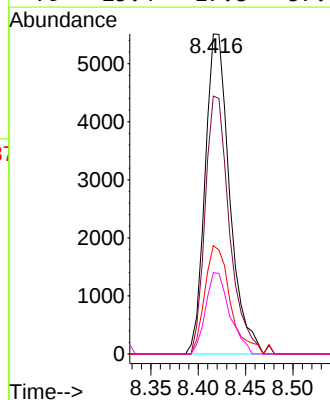
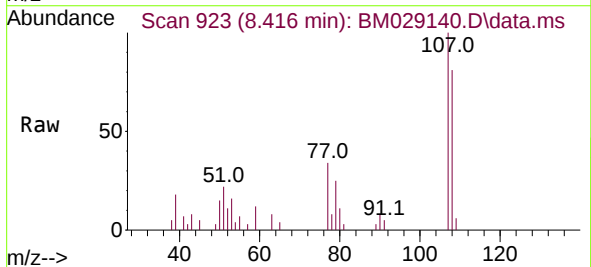
Instrument :
BNA_M
ClientSampled :

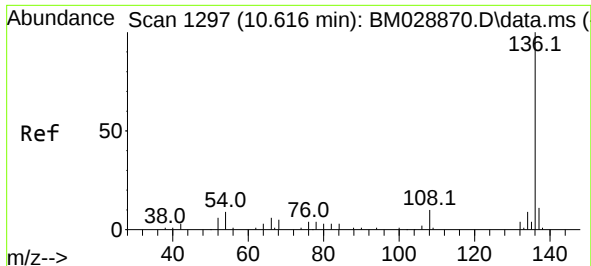
Tgt Ion:	70	Resp:	1098
Ion	Ratio	Lower	Upper
70	100		
42	0.0	31.9	47.9#
101	0.0	7.0	10.4#
130	0.0	13.4	20.0#



#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

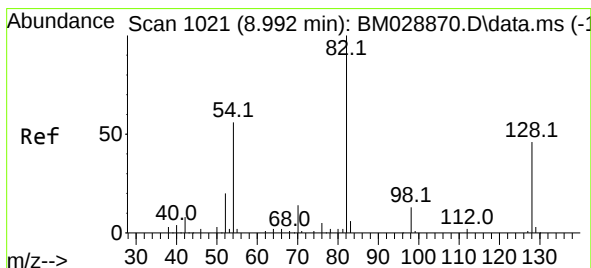
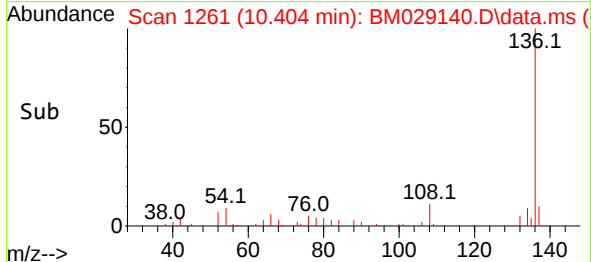
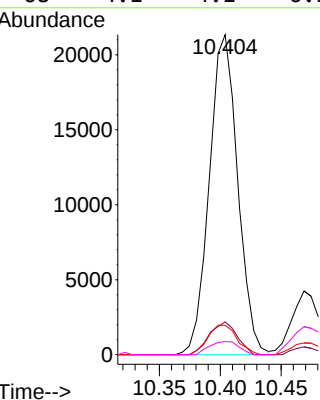
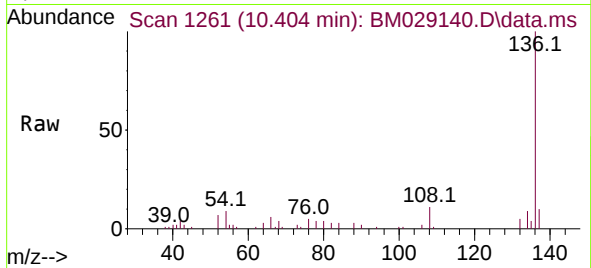




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

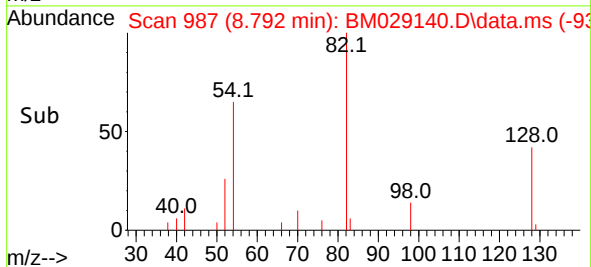
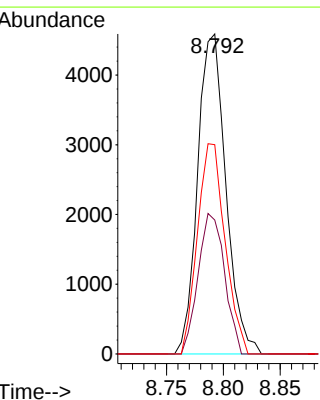
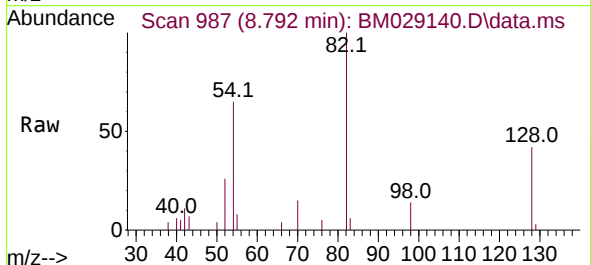
Instrument :
BNA_M
ClientSampled :

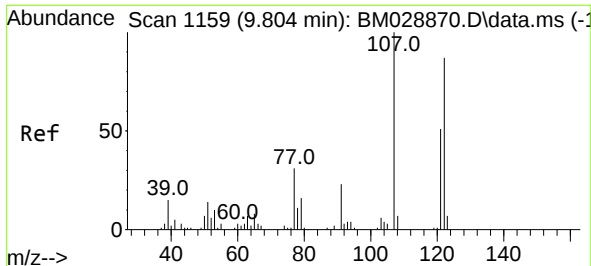
Tgt Ion:	136	Resp:	34646
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	12.8
54	9.2	4.6	7.0#
68	4.1	4.1	6.1



#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#

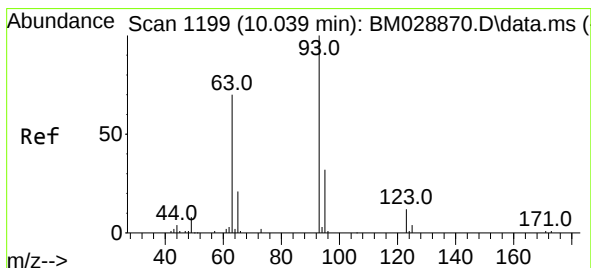
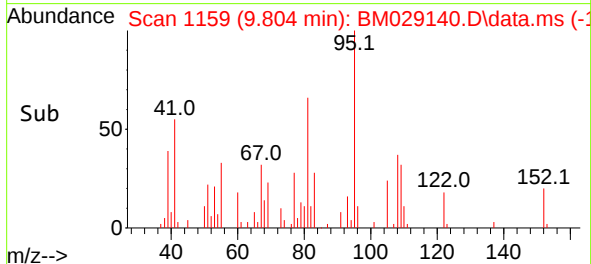
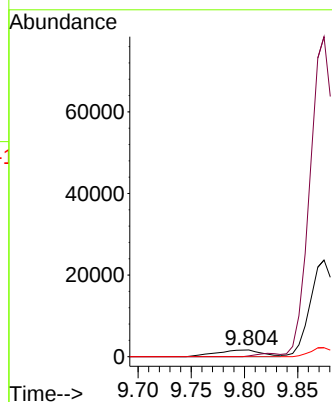
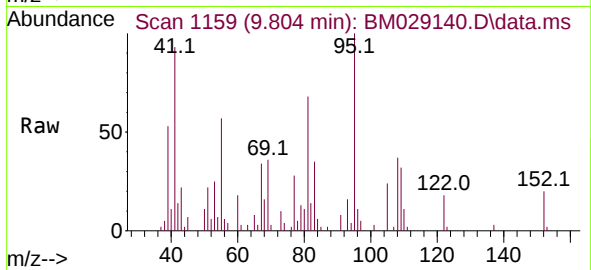




#27
2,4-Dimethylphenol
Concen: 9.81 ng
RT: 9.804 min Scan# 1159
Delta R.T. 0.188 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

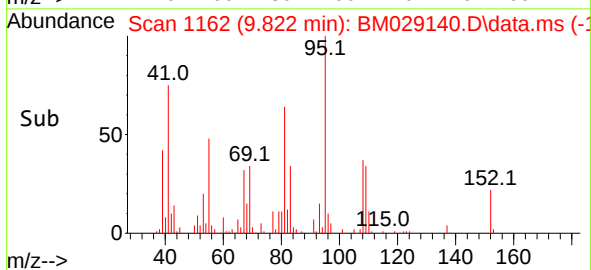
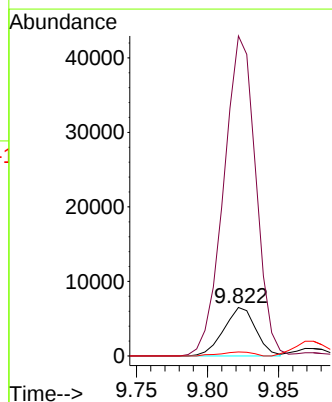
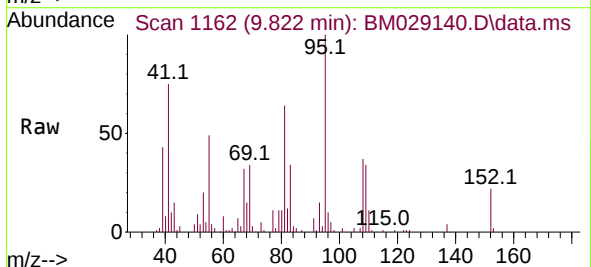
Instrument :
BNA_M
ClientSampled :

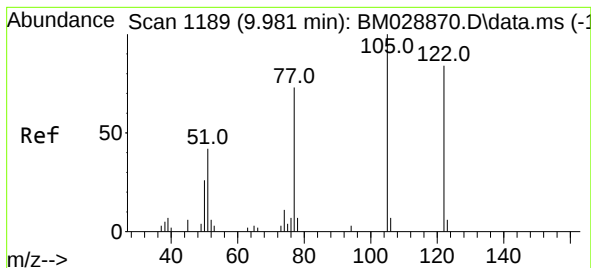
Tgt Ion:122 Resp: 4857
Ion Ratio Lower Upper
122 100
107 12.2 106.6 159.8#
121 0.0 48.8 73.2#



#28
bis(2-Chloroethoxy)methane
Concen: 15.92 ng
RT: 9.822 min Scan# 1162
Delta R.T. -0.024 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

Tgt Ion: 93 Resp: 10219
Ion Ratio Lower Upper
93 100
95 658.9 26.5 39.7#
123 8.2 8.6 12.8#





#32

Benzoic acid

Concen: 13.69 ng

RT: 9.804 min Scan# 1159

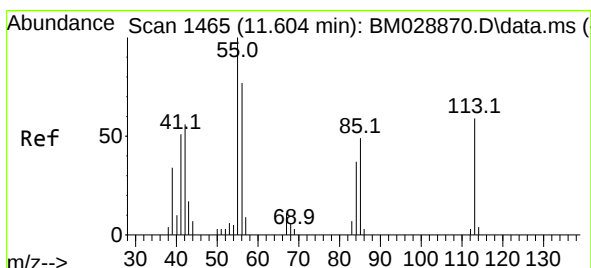
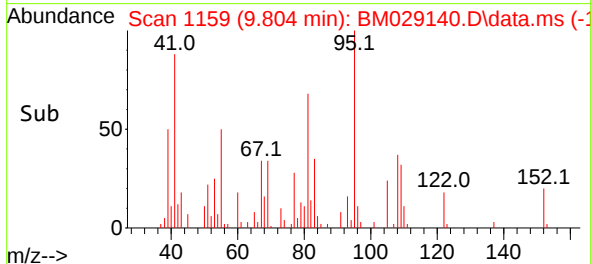
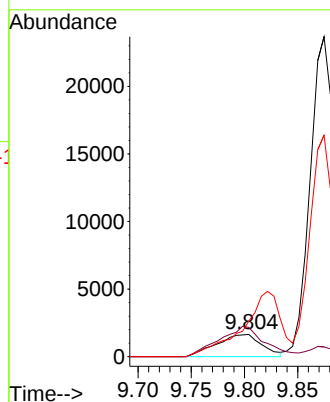
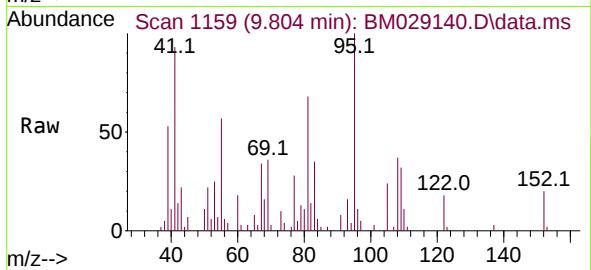
Delta R.T. -0.006 min

Lab File: BM029140.D

Acq: 15 Mar 2021 21:15

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#

Instrument :
BNA_M
ClientSampled :



#35

Caprolactam

Concen: 2.25 ng

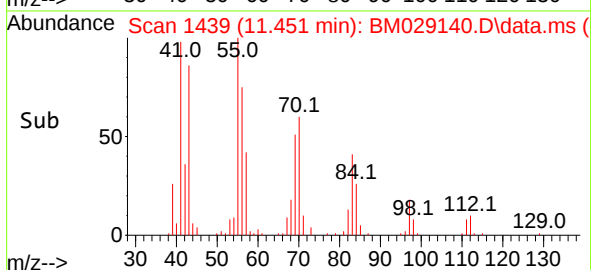
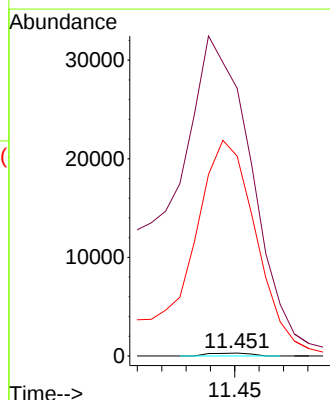
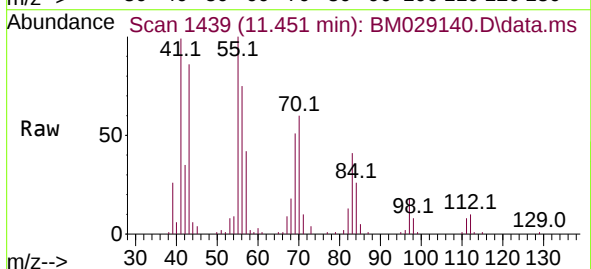
RT: 11.451 min Scan# 1439

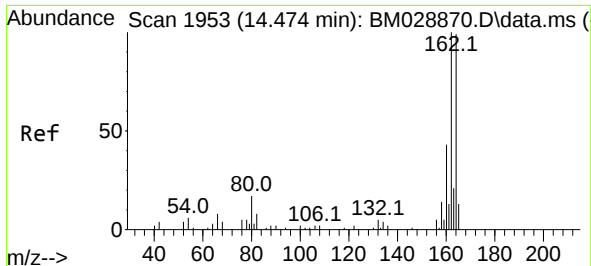
Delta R.T. 0.041 min

Lab File: BM029140.D

Acq: 15 Mar 2021 21:15

Tgt Ion:	113	Resp:	349
Ion Ratio	Lower	Upper	
113	100		
55	9048.0	103.2	143.2#
56	6754.7	84.2	124.2#

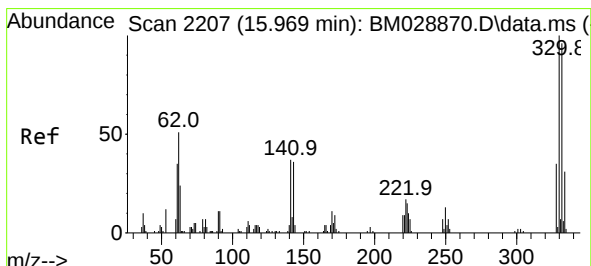
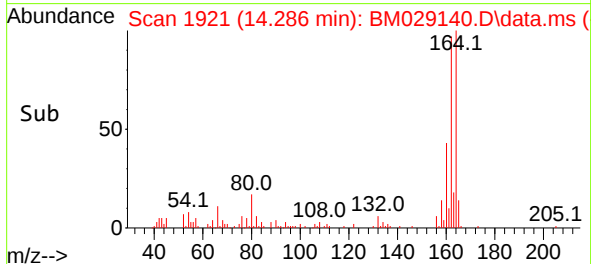
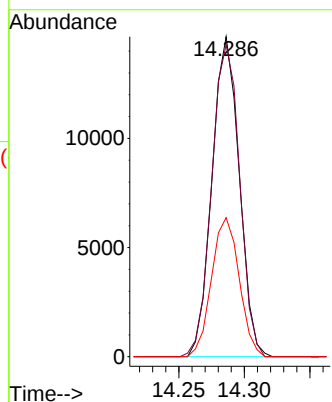
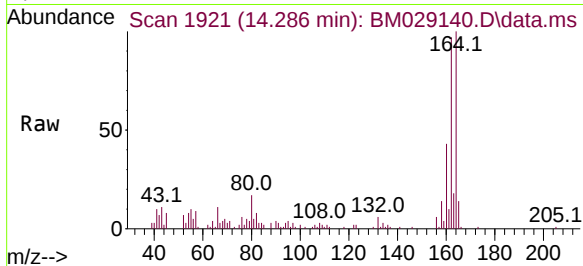




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

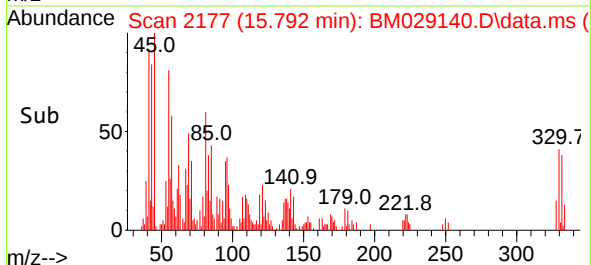
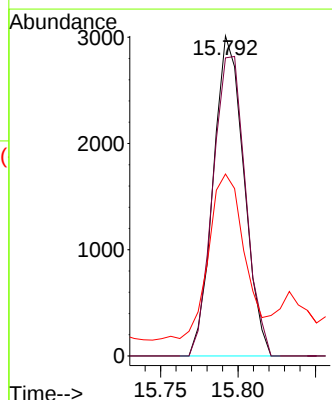
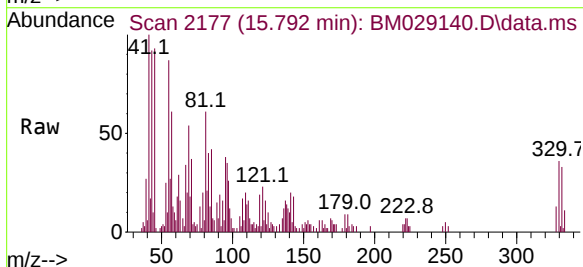
Instrument :
BNA_M
ClientSampleId :

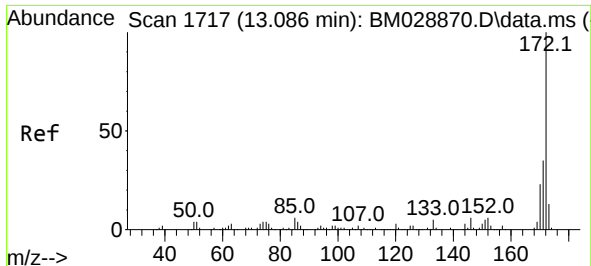
Tgt Ion:164 Resp: 21101
Ion Ratio Lower Upper
164 100
162 97.5 80.4 120.6
160 43.5 35.9 53.9



#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

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#

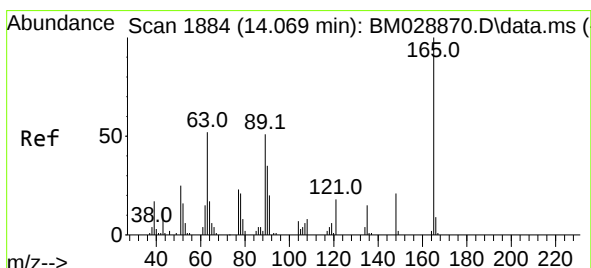
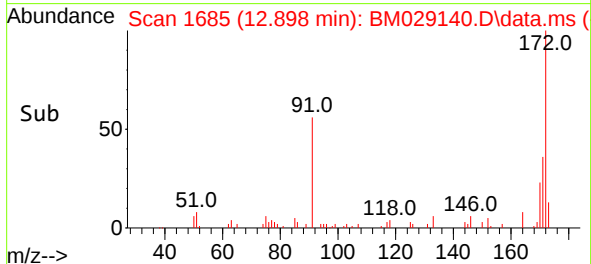
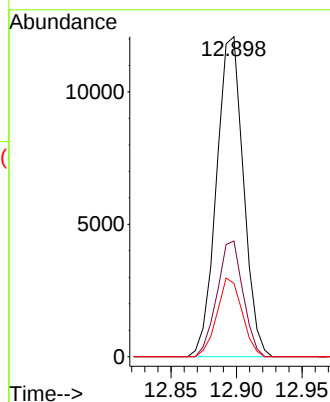
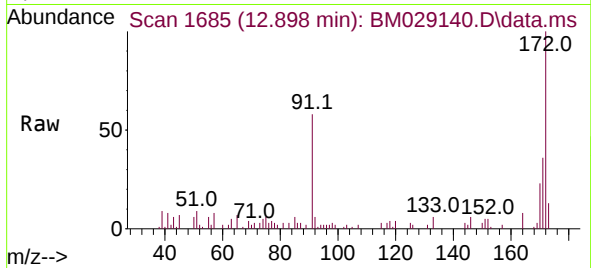




#45
2-Fluorobiphenyl
Concen: 10.89 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

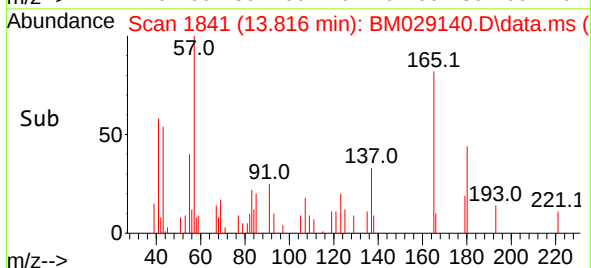
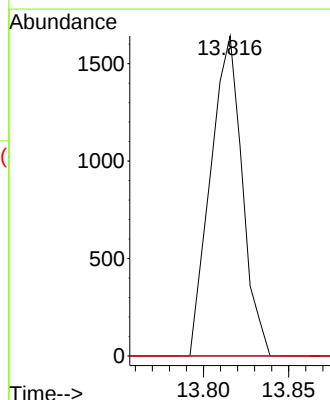
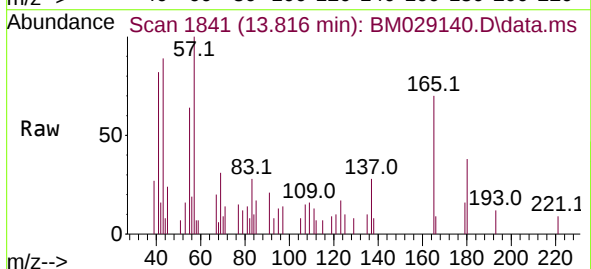
Instrument :
BNA_M
ClientSampled :

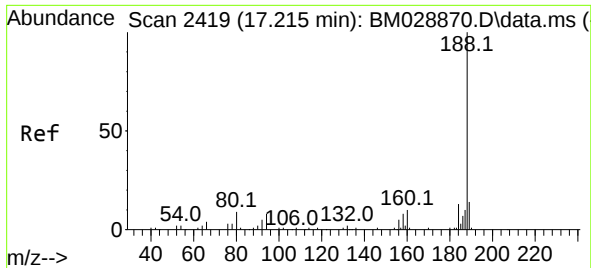
Tgt Ion:172 Resp: 17269
Ion Ratio Lower Upper
172 100
171 36.2 27.8 41.8
170 22.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 5.71 ng
RT: 13.816 min Scan# 1841
Delta R.T. -0.088 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

Tgt Ion:165 Resp: 2128
Ion Ratio Lower Upper
165 100
63 0.0 51.1 76.7#
89 0.0 53.3 79.9#

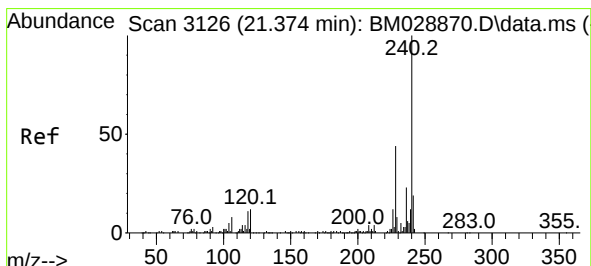
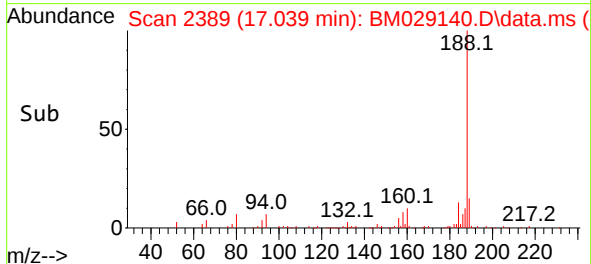
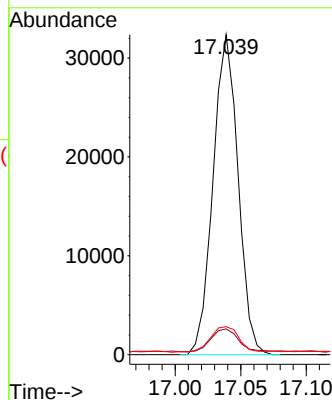
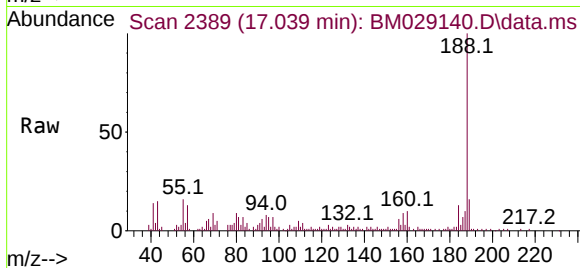




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.039 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

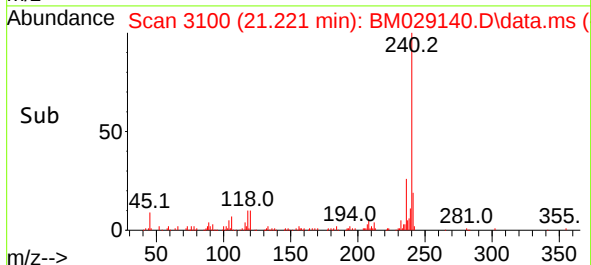
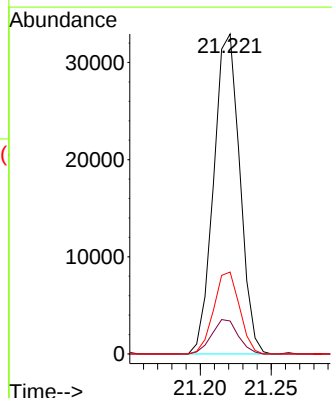
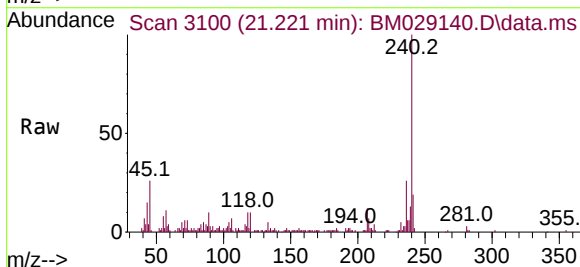
Instrument :
BNA_M
ClientSampleId :

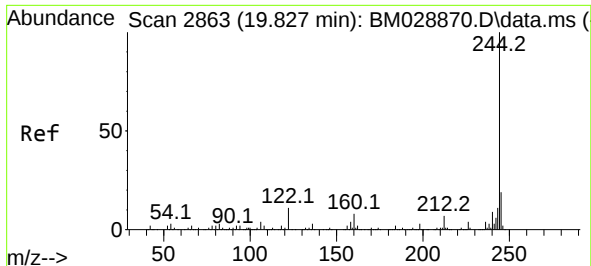
Tgt Ion:188 Resp: 42890
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.4
80 8.8 7.5 11.3



#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

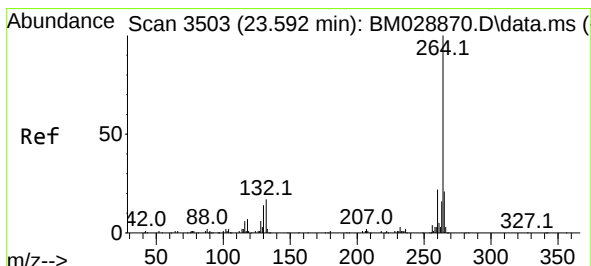
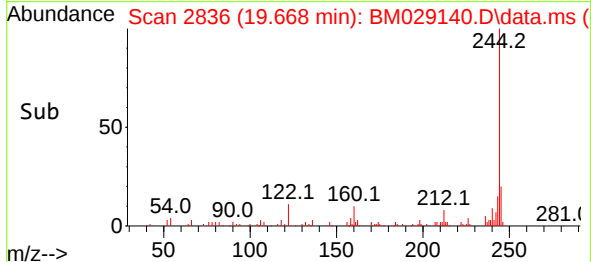
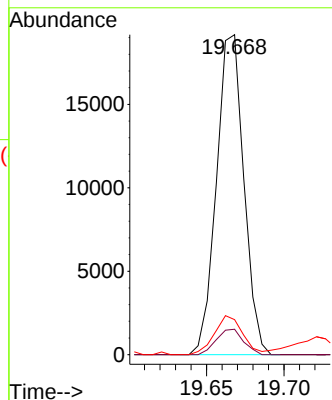
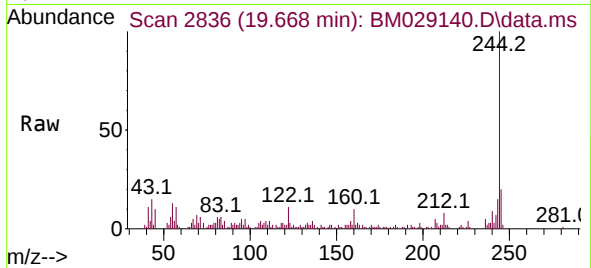




#79
Terphenyl-d14
Concen: 10.33 ng
RT: 19.668 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BM029140.D
Acq: 15 Mar 2021 21:15

Instrument :
BNA_M
ClientSampled :

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

