

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
 Data File : BM029104.D
 Acq On : 11 Mar 2021 20:51
 Operator : CG/JU
 Sample : M1642-02 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CSB-5-17-17.5-BGS

Quant Time: Mar 12 00:06:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 09 10:08:02 2021
 Response via : Initial Calibration

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

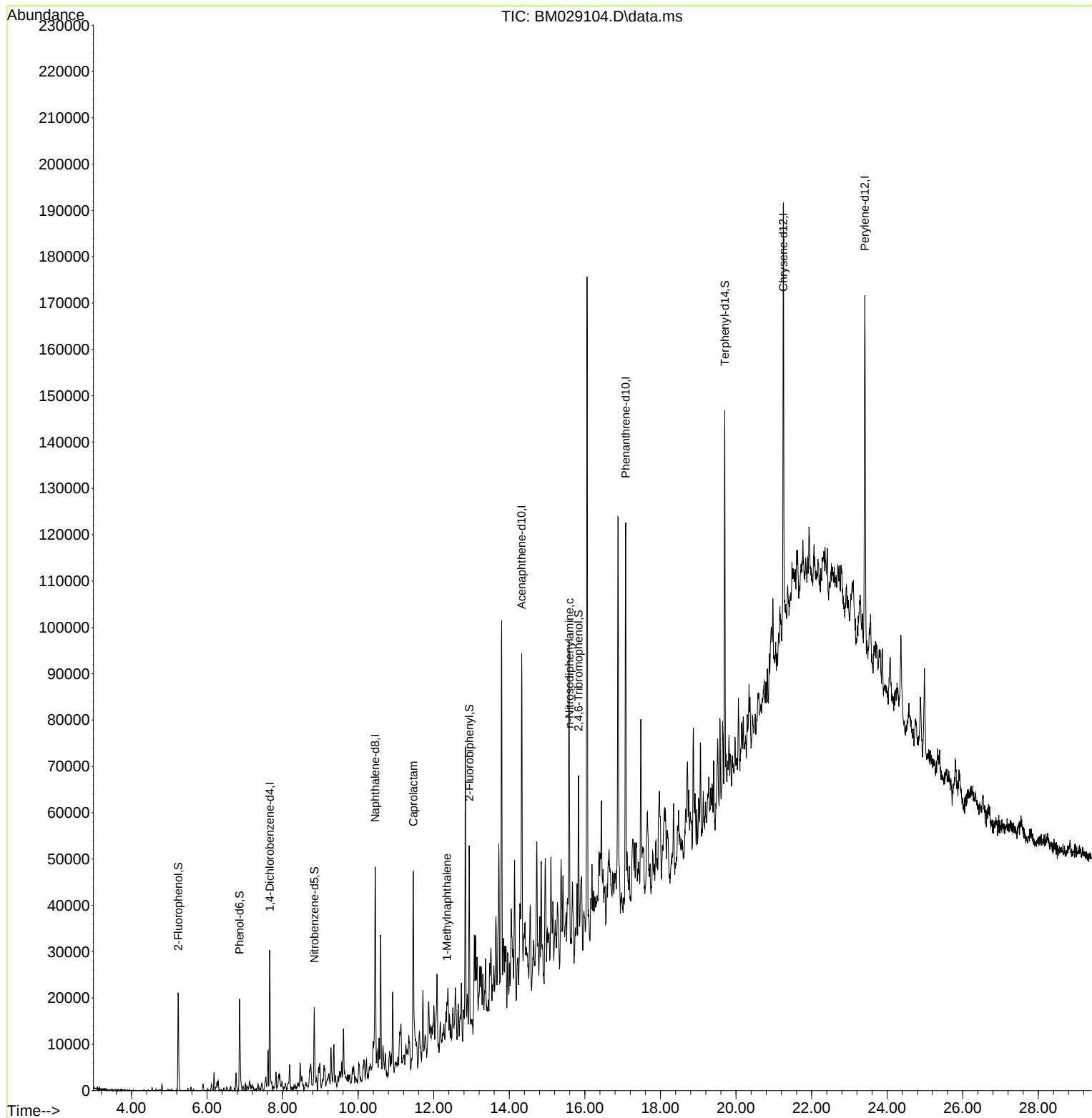
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	8373	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	31448	20.00	ng	#-0.01
39) Acenaphthene-d10	14.327	164	19151	20.00	ng	-0.01
64) Phenanthrene-d10	17.080	188	40365	20.00	ng	0.00
76) Chrysene-d12	21.250	240	41877	20.00	ng	#-0.01
86) Perylene-d12	23.409	264	44290	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	9844	19.49	ng	0.00
7) Phenol-d6	6.863	99	11491	17.22	ng	0.00
23) Nitrobenzene-d5	8.839	82	7905	13.56	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	4406	19.41	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	18826	13.09	ng	-0.01
79) Terphenyl-d14	19.703	244	29586	13.05	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	11.457	113	1344	9.56	ng	# 1
38) 1-Methylnaphthalene	12.351	142	3371	2.92	ng	# 99
66) n-Nitrosodiphenylamine	15.592	169	4231	3.06	ng	# 45

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

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Instrument :
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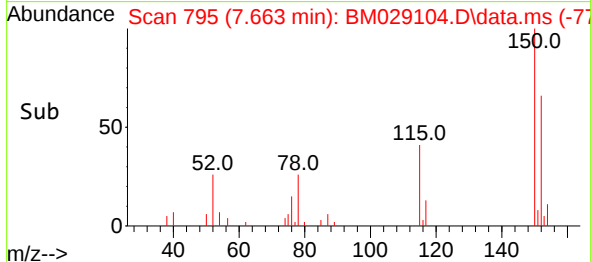
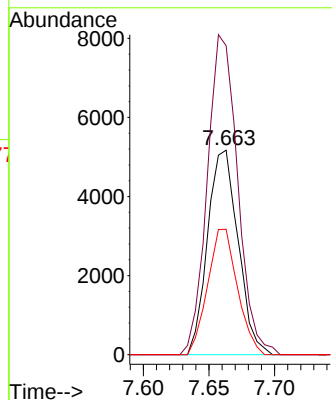
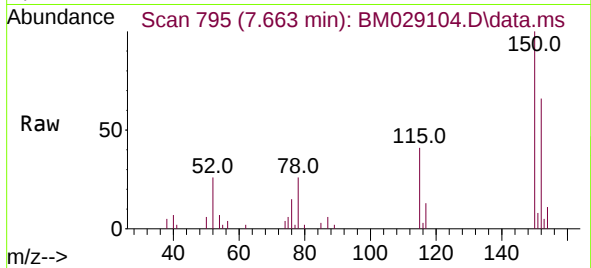




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

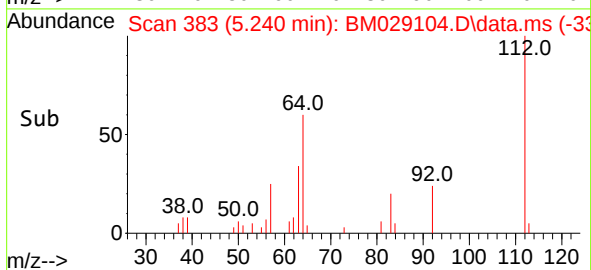
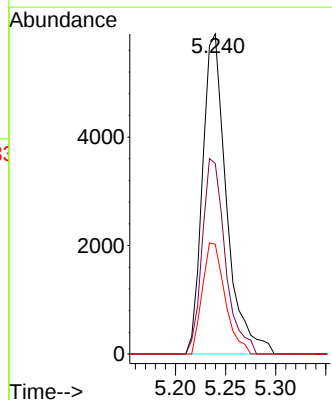
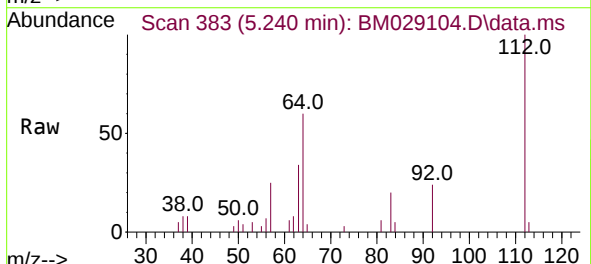
Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS

Tgt Ion:152 Resp: 8373
Ion Ratio Lower Upper
152 100
150 151.2 120.6 181.0
115 61.3 47.2 70.8



#5
2-Fluorophenol
Concen: 19.49 ng
RT: 5.240 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

Tgt Ion:112 Resp: 9844
Ion Ratio Lower Upper
112 100
64 59.5 50.6 76.0
63 34.3 31.0 46.6

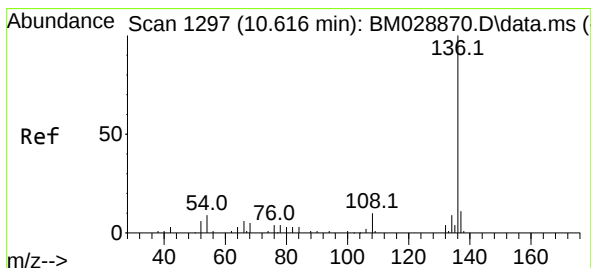
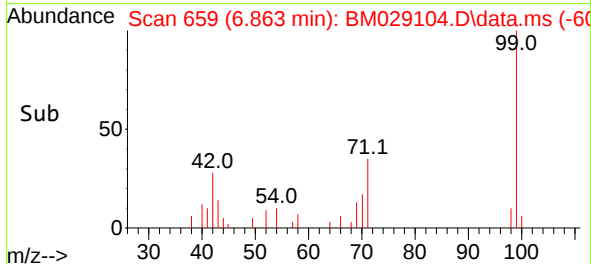
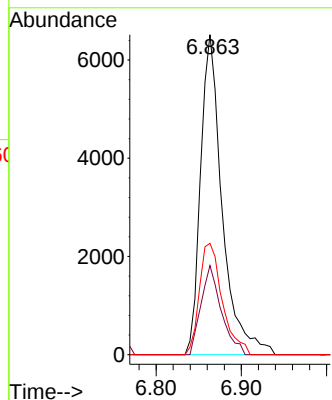
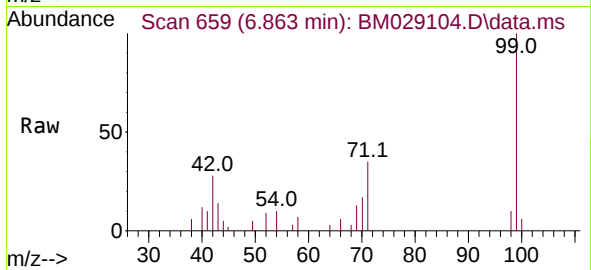




#7
Phenol-d6
Concen: 17.22 ng
RT: 6.863 min Scan# 659
Delta R.T. -0.006 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

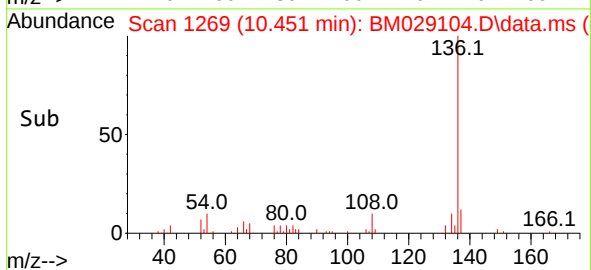
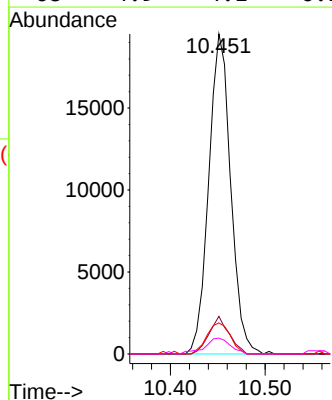
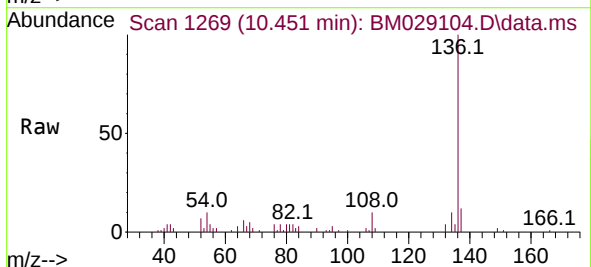
Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS

Tgt Ion: 99 Resp: 11491
Ion Ratio Lower Upper
99 100
42 27.8 13.5 20.3#
71 34.8 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

Tgt Ion: 136 Resp: 31448
Ion Ratio Lower Upper
136 100
137 11.8 8.6 12.8
54 9.7 4.6 7.0#
68 4.9 4.1 6.1

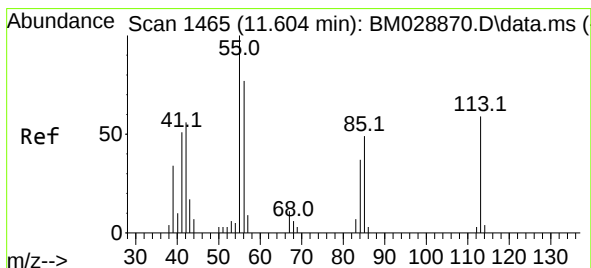
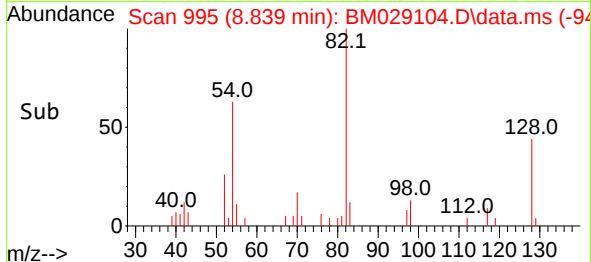
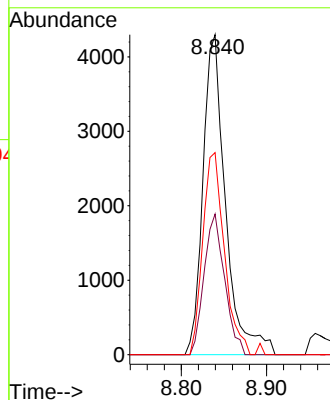
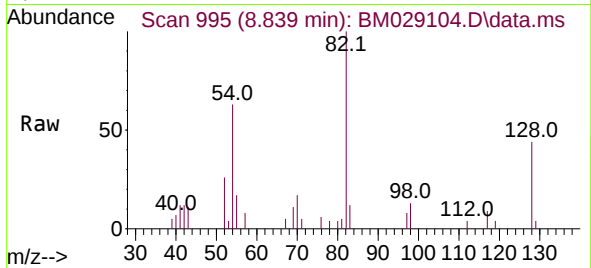




#23
Nitrobenzene-d5
Concen: 13.56 ng
RT: 8.839 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

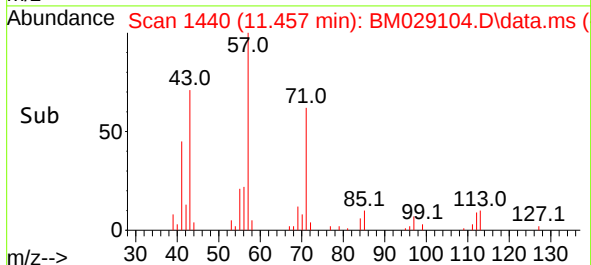
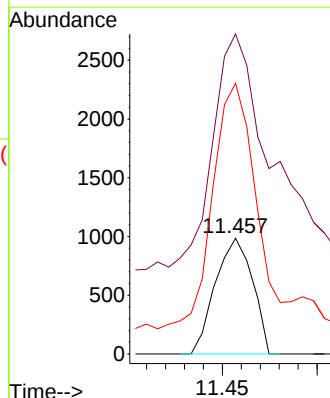
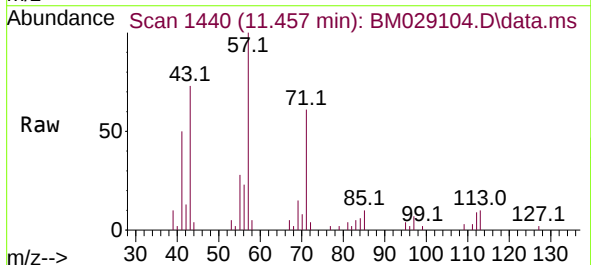
Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS

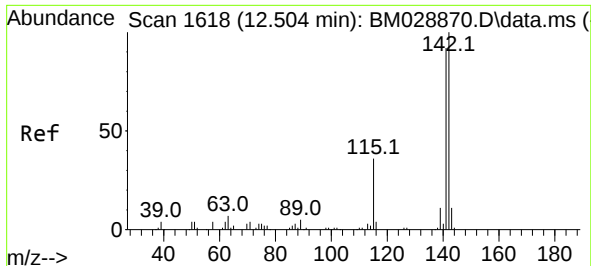
Tgt Ion: 82 Resp: 7905
Ion Ratio Lower Upper
82 100
128 43.9 27.4 41.0#
54 63.1 31.4 47.0#



#35
Caprolactam
Concen: 9.56 ng
RT: 11.457 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

Tgt Ion: 113 Resp: 1344
Ion Ratio Lower Upper
113 100
55 276.5 103.2 143.2#
56 233.9 84.2 124.2#

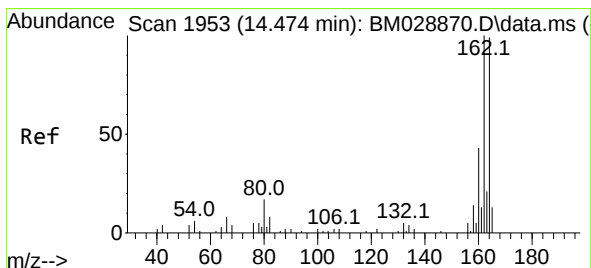
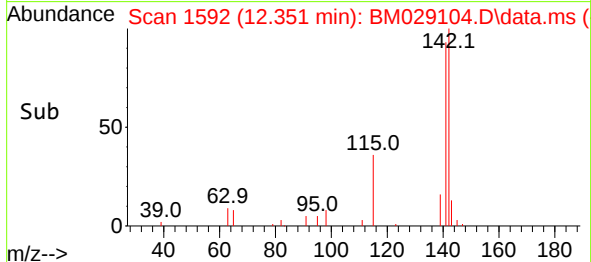
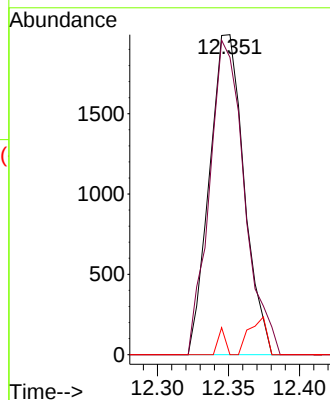
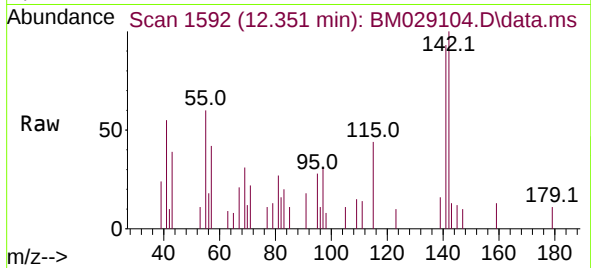




#38
1-Methylnaphthalene
Concen: 2.92 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

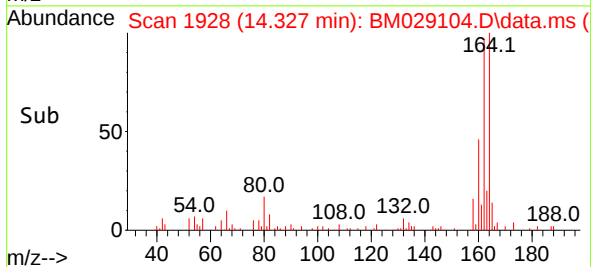
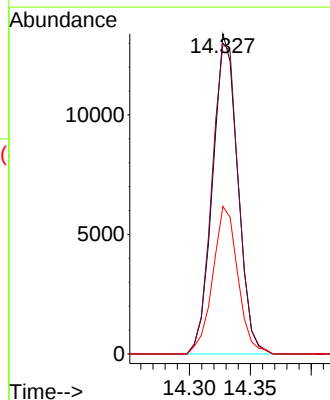
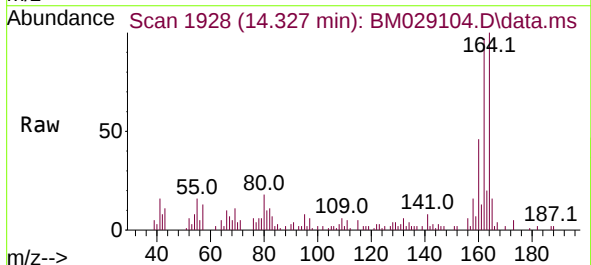
Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS

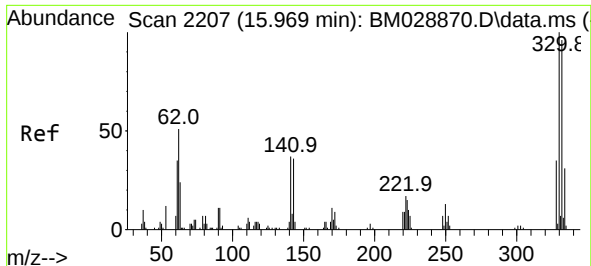
Tgt Ion:142 Resp: 3371
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.6
116 0.0 3.5 5.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

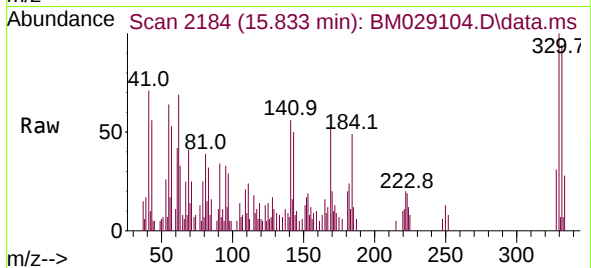
Tgt Ion:164 Resp: 19151
Ion Ratio Lower Upper
164 100
162 97.1 80.4 120.6
160 46.1 35.9 53.9



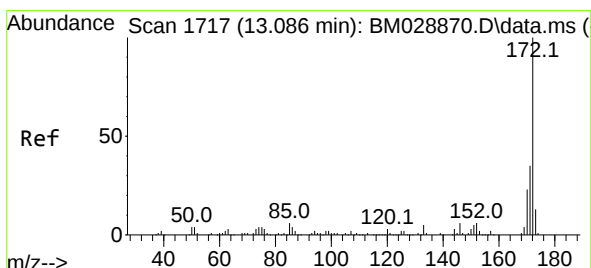
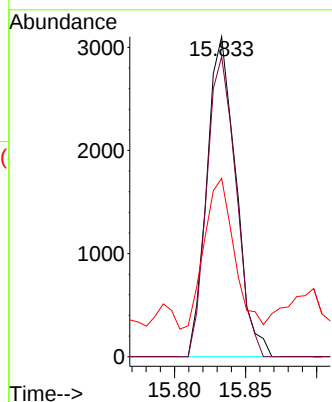
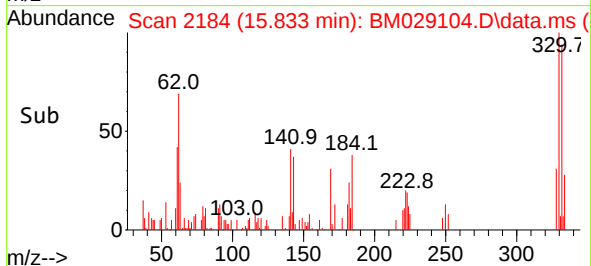


#42
2,4,6-Tribromophenol
Concen: 19.41 ng
RT: 15.833 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

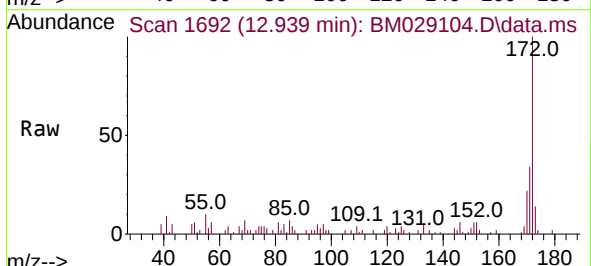
Instrument :
BNA_M
ClientSampleId :
CSB-5-17-17.5-BGS



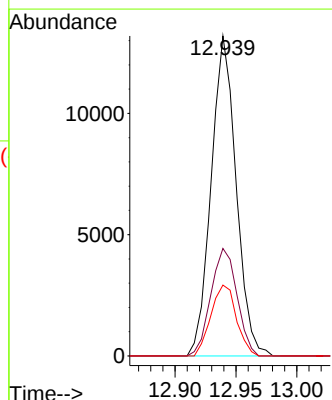
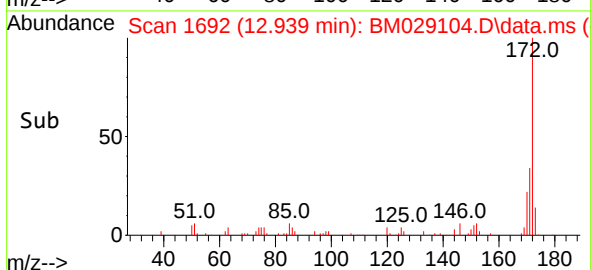
Tgt Ion:330 Resp: 4406
Ion Ratio Lower Upper
330 100
332 94.3 77.8 116.8
141 48.6 28.4 42.6#

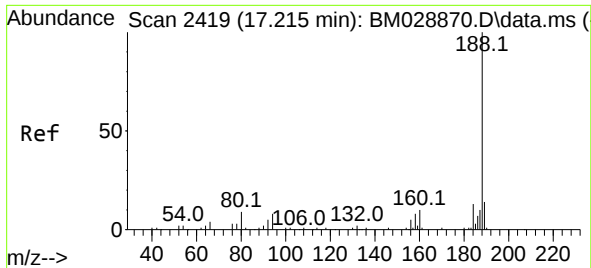


#45
2-Fluorobiphenyl
Concen: 13.09 ng
RT: 12.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51



Tgt Ion:172 Resp: 18826
Ion Ratio Lower Upper
172 100
171 33.6 27.8 41.8
170 22.1 18.6 27.8

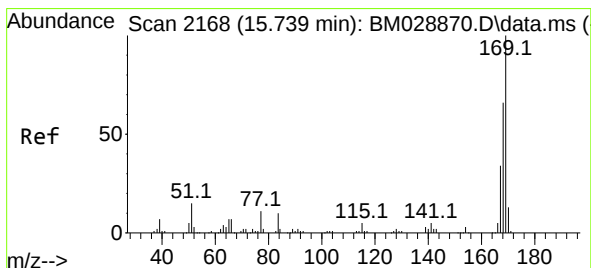
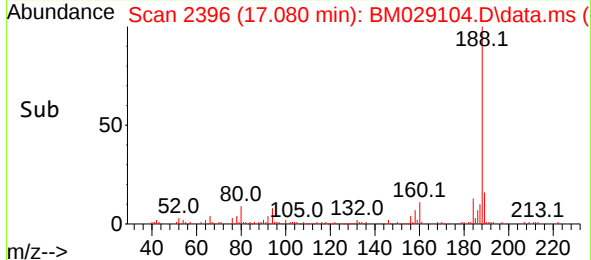
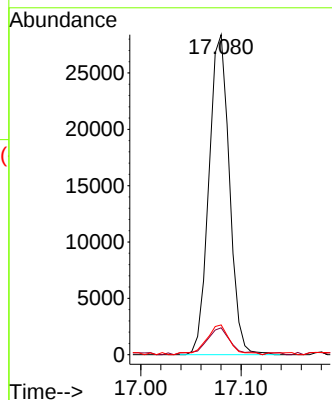
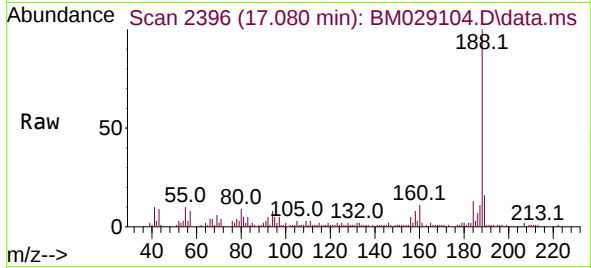




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.080 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

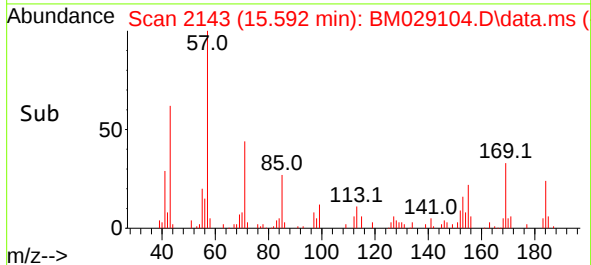
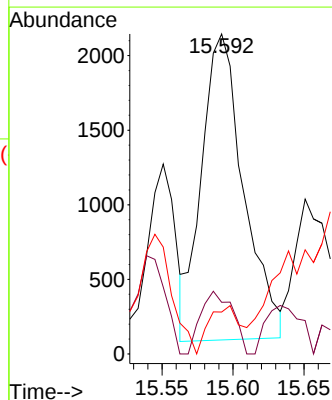
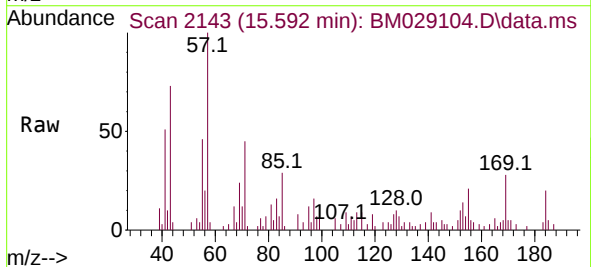
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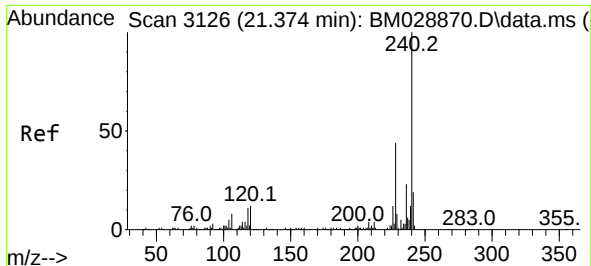
Tgt Ion:188 Resp: 40365
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.4
80 9.3 7.5 11.3



#66
n-Nitrosodiphenylamine
Concen: 3.06 ng
RT: 15.592 min Scan# 2143
Delta R.T. -0.018 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

Tgt Ion:169 Resp: 4231
Ion Ratio Lower Upper
169 100
168 16.2 53.8 80.8#
167 13.1 29.0 43.4#

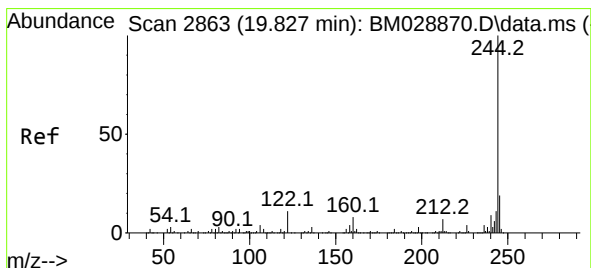
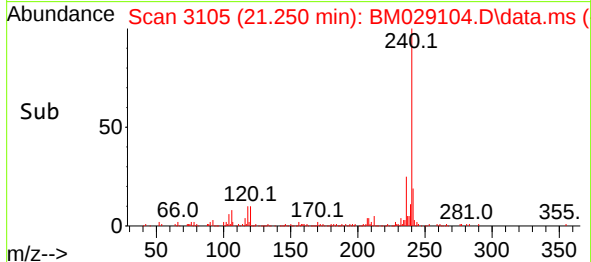
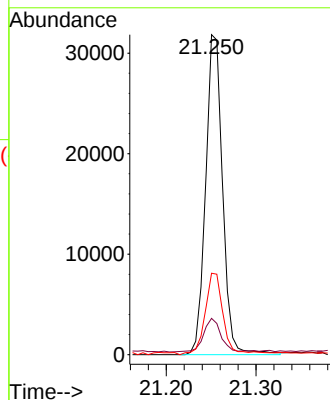
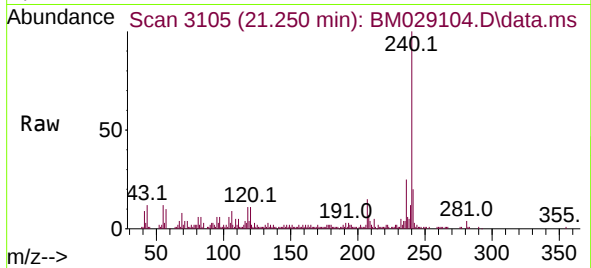




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.250 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

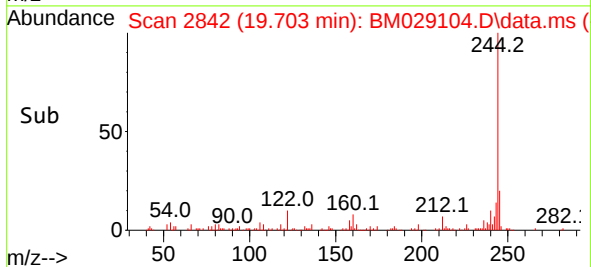
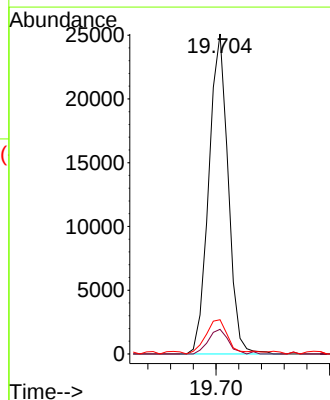
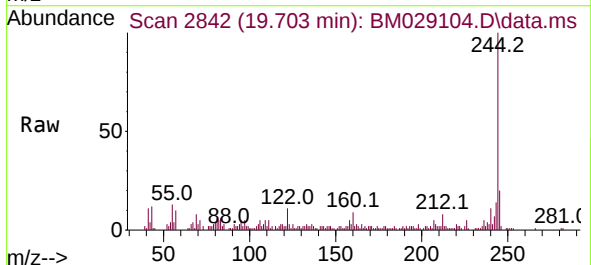
Instrument :
BNA_M
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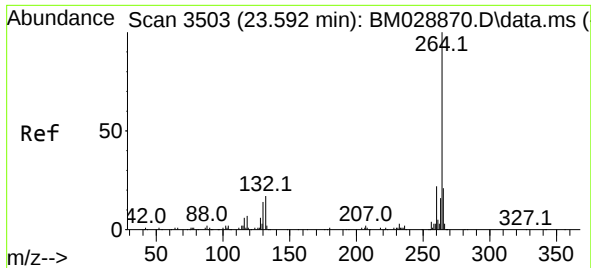
Tgt Ion:240 Resp: 41877
Ion Ratio Lower Upper
240 100
120 11.4 6.4 9.6#
236 25.5 20.1 30.1



#79
Terphenyl-d14
Concen: 13.05 ng
RT: 19.703 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM029104.D
Acq: 11 Mar 2021 20:51

Tgt Ion:244 Resp: 29586
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 10.7 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.409 min Scan# 3472
 Delta R.T. -0.012 min
 Lab File: BM029104.D
 Acq: 11 Mar 2021 20:51

Instrument :
 BNA_M
 ClientSampleId :
 CSB-5-17-17.5-BGS

Tgt Ion:264	Resp:	44290
Ion Ratio	Lower	Upper
264	100	
260	22.5	19.0 28.4
265	22.8	17.7 26.5

