

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
 Data File : BM029094.D
 Acq On : 11 Mar 2021 14:37
 Operator : CG/JU
 Sample : M1618-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CSB-3-17-17.5

Quant Time: Mar 11 15:25:58 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)

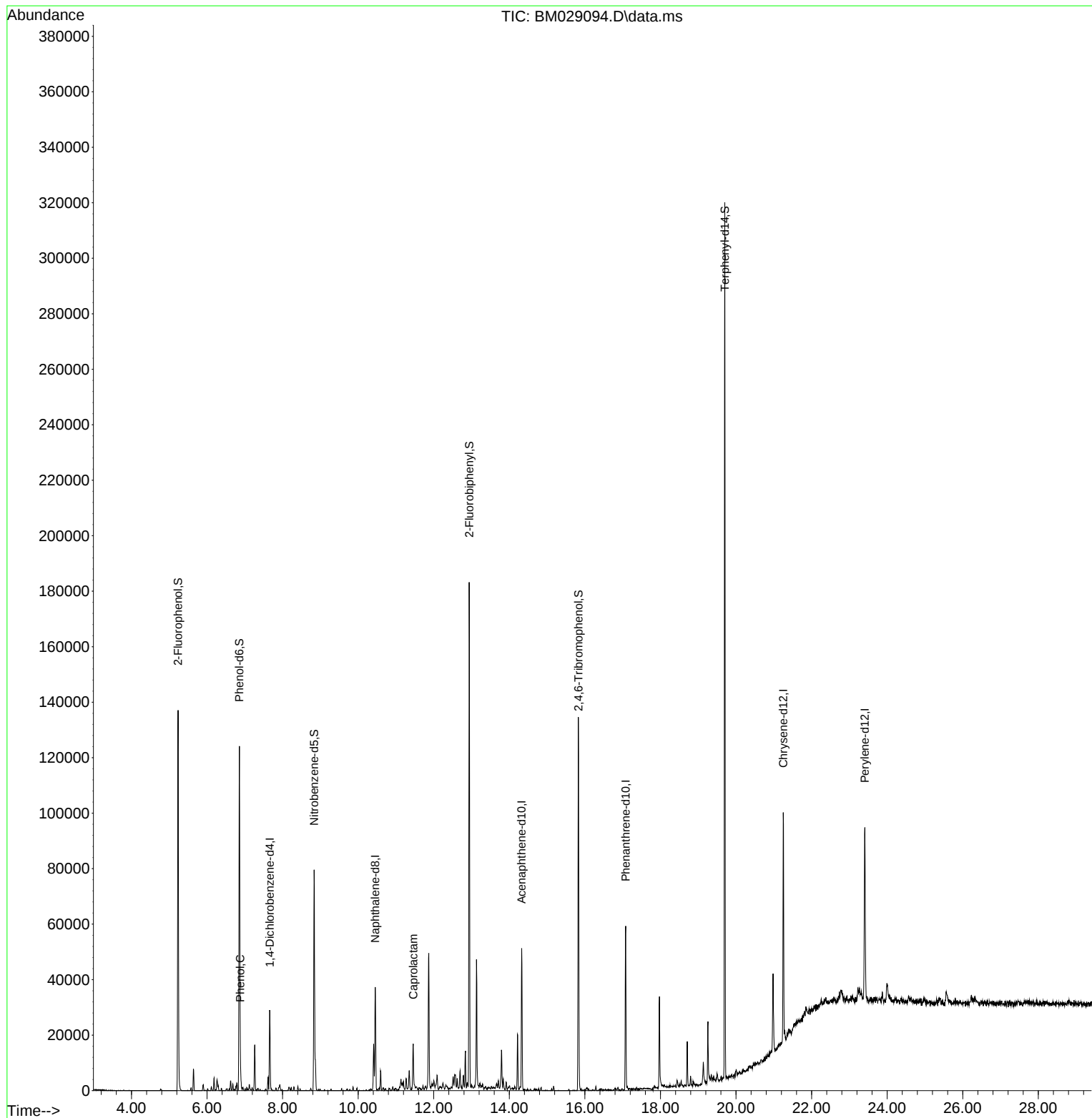
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	8090	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	30021	20.00	ng	#-0.01
39) Acenaphthene-d10	14.327	164	17300	20.00	ng	-0.01
64) Phenanthrene-d10	17.080	188	35079	20.00	ng	0.00
76) Chrysene-d12	21.251	240	35886	20.00	ng	#-0.01
86) Perylene-d12	23.409	264	39255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	52777	108.13	ng	-0.01
7) Phenol-d6	6.857	99	60855	94.40	ng	-0.01
23) Nitrobenzene-d5	8.834	82	40303	72.43	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	21109	102.95	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	87267	67.15	ng	-0.01
79) Terphenyl-d14	19.704	244	125799	64.73	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.881	94	1318	2.06	ng	# 78
35) Caprolactam	11.457	113	436	3.25	ng	# 1

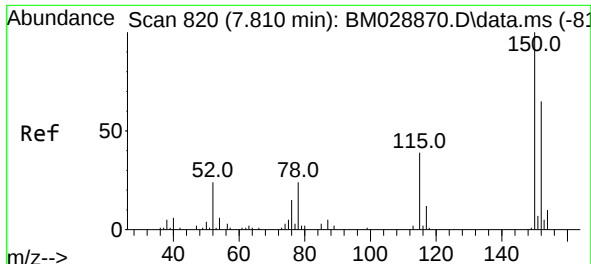
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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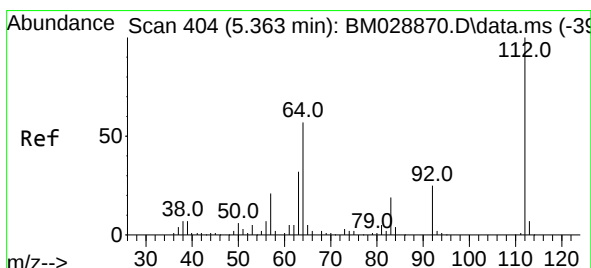
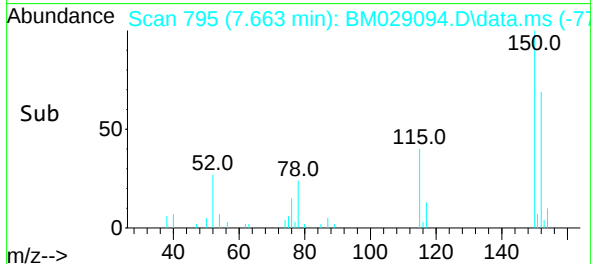
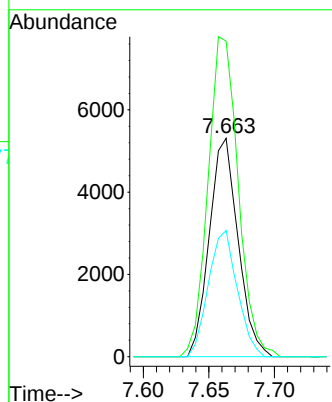
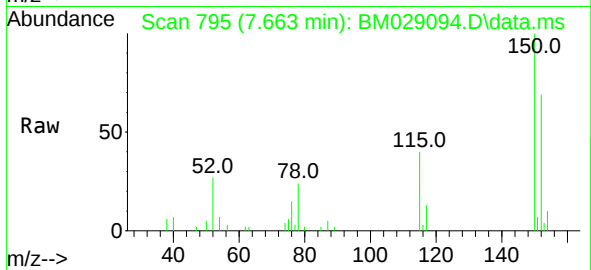




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

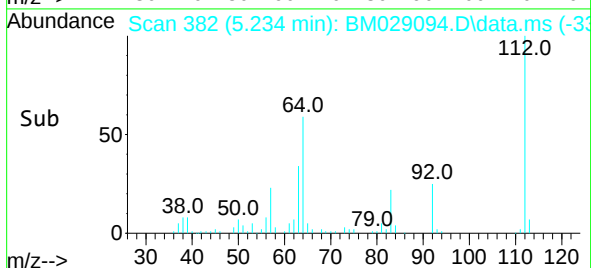
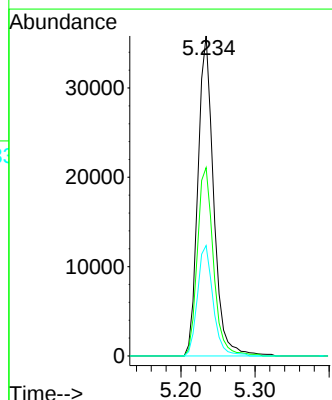
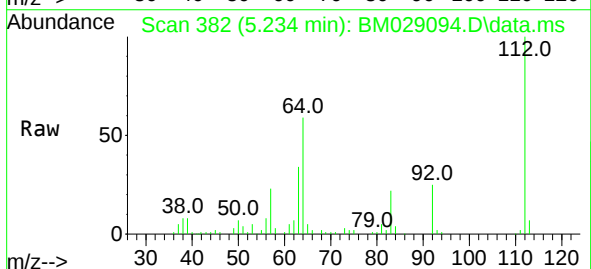
Instrument :
BNA_M
ClientSampleId :
CSB-3-17-17.5

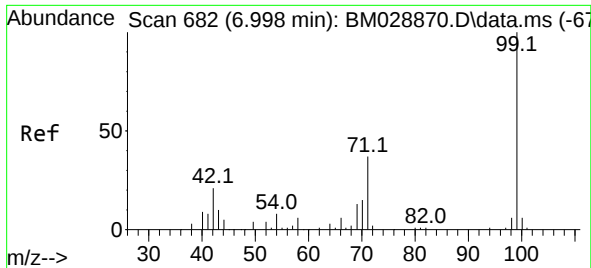
Tgt Ion:152 Resp: 8090
Ion Ratio Lower Upper
152 100
150 144.5 120.6 181.0
115 57.8 47.2 70.8



#5
2-Fluorophenol
Concen: 108.13 ng
RT: 5.234 min Scan# 382
Delta R.T. -0.012 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

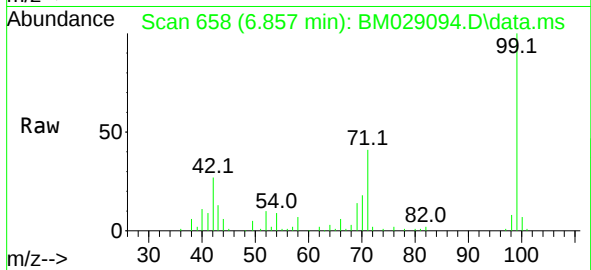
Tgt Ion:112 Resp: 52777
Ion Ratio Lower Upper
112 100
64 58.9 50.6 76.0
63 34.5 31.0 46.6



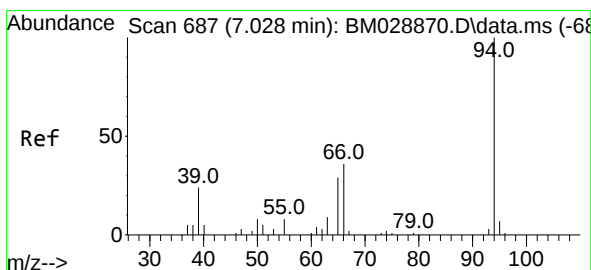
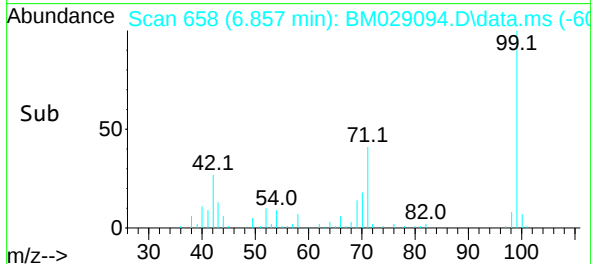
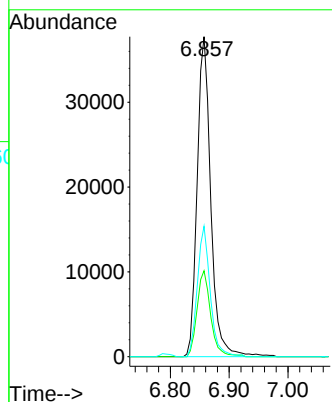


#7
Phenol-d6
Concen: 94.40 ng
RT: 6.857 min Scan# 658
Delta R.T. -0.012 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

Instrument :
BNA_M
ClientSampleId :
CSB-3-17-17.5

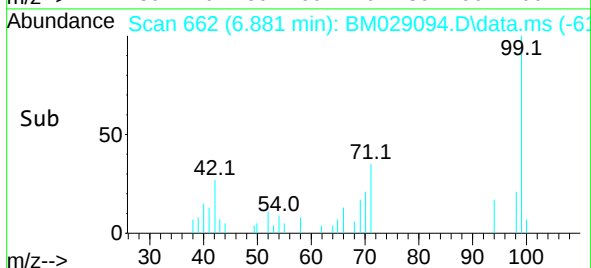
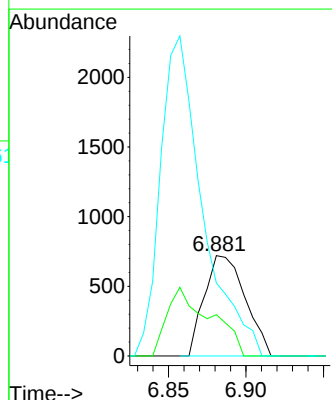
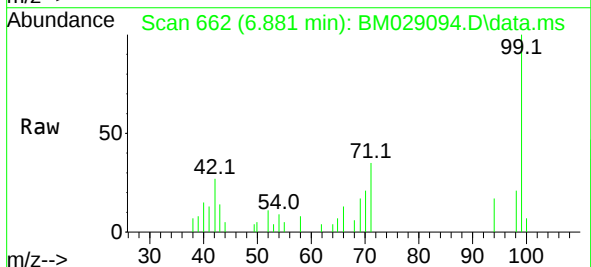


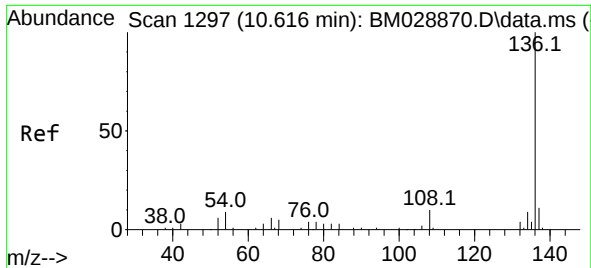
Tgt Ion: 99 Resp: 60855
Ion Ratio Lower Upper
99 100
42 26.9 13.5 20.3#
71 40.7 39.4 59.0



#10
Phenol
Concen: 2.06 ng
RT: 6.881 min Scan# 662
Delta R.T. -0.018 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

Tgt Ion: 94 Resp: 1318
Ion Ratio Lower Upper
94 100
65 41.1 16.4 56.4
66 72.8 30.2 70.2#

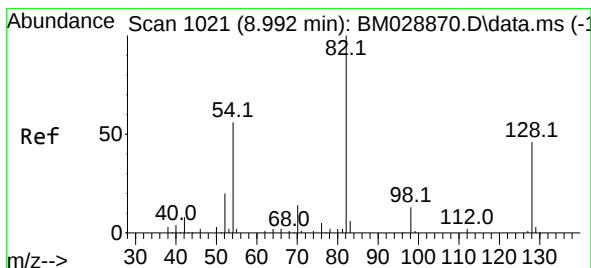
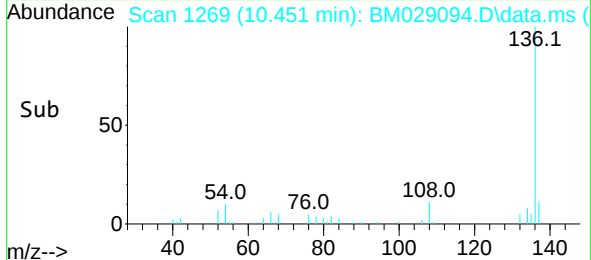
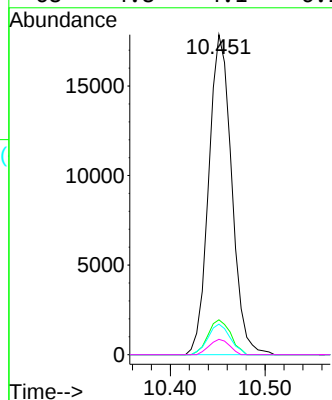
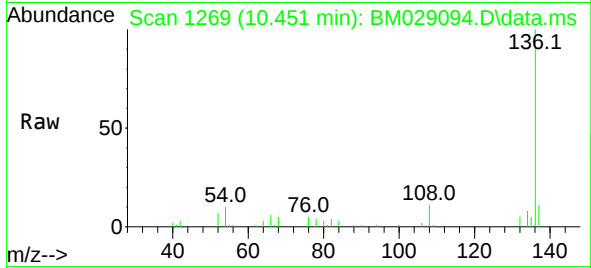




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

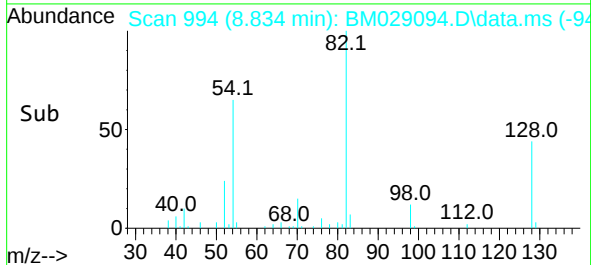
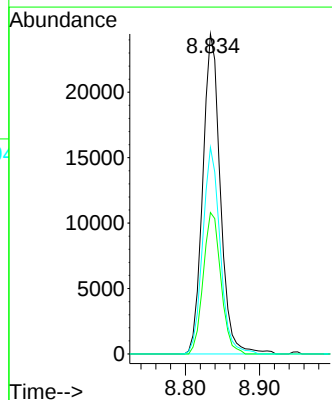
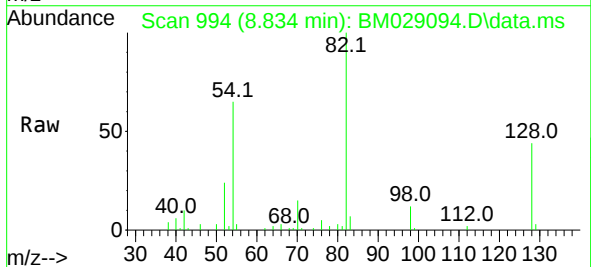
Instrument :
BNA_M
ClientSampleId :
CSB-3-17-17.5

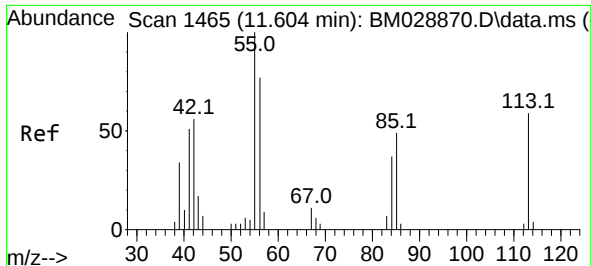
Tgt Ion:	136	Resp:	30021
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.6	4.6	7.0#
68	4.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 72.43 ng
RT: 8.834 min Scan# 994
Delta R.T. -0.012 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

Tgt Ion:	82	Resp:	40303
Ion	Ratio	Lower	Upper
82	100		
128	44.2	27.4	41.0#
54	64.5	31.4	47.0#

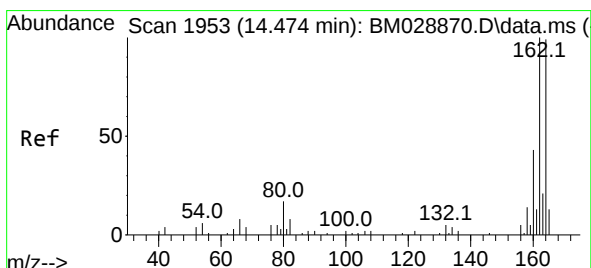
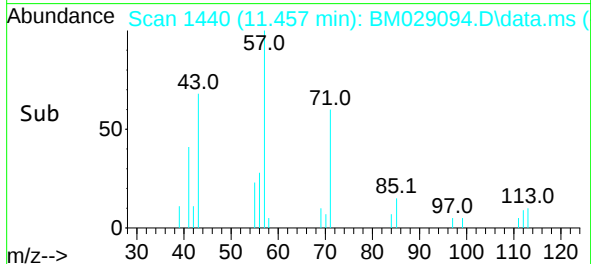
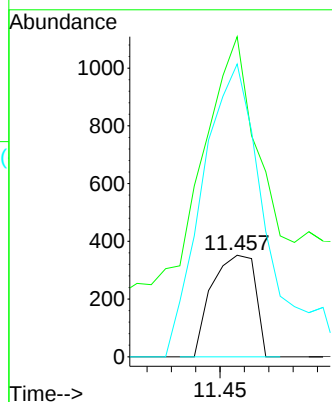
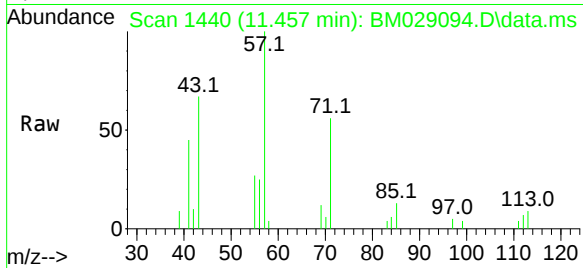




#35
Caprolactam
Concen: 3.25 ng
RT: 11.457 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

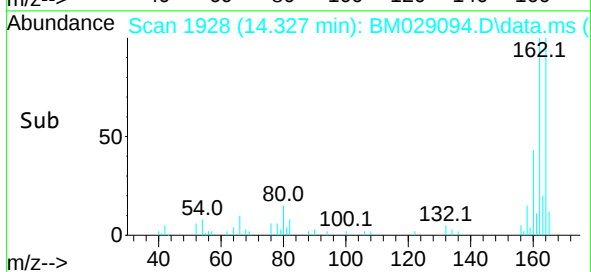
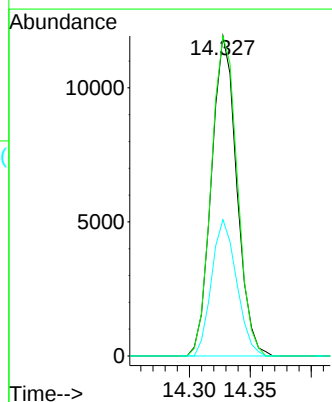
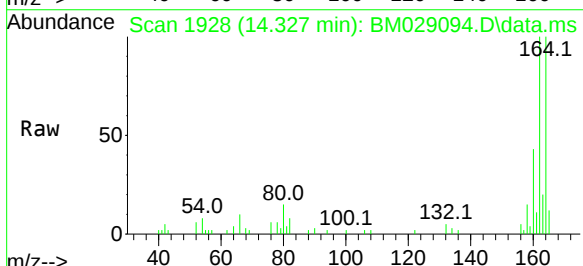
Instrument :
BNA_M
ClientSampled :
CSB-3-17-17.5

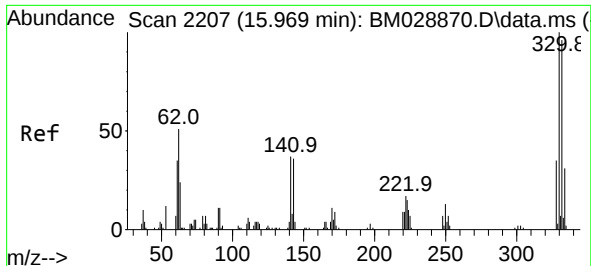
Tgt Ion:113 Resp: 436
Ion Ratio Lower Upper
113 100
55 315.1 103.2 143.2#
56 288.1 84.2 124.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

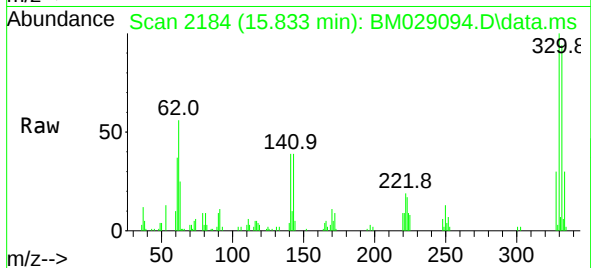
Tgt Ion:164 Resp: 17300
Ion Ratio Lower Upper
164 100
162 99.9 80.4 120.6
160 42.6 35.9 53.9



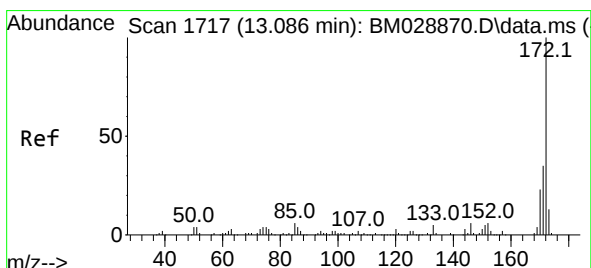
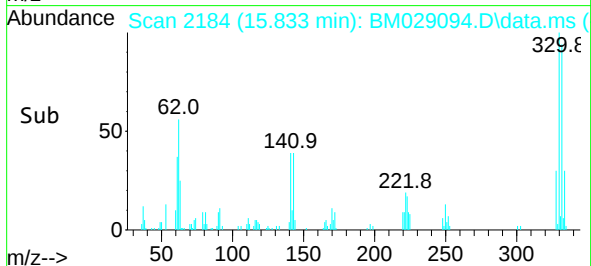
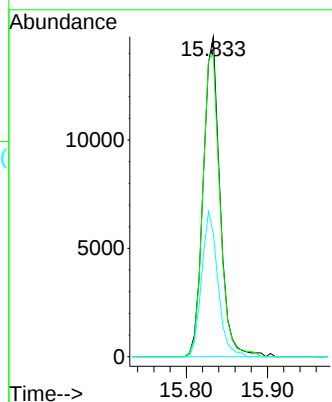


#42
2,4,6-Tribromophenol
Concen: 102.95 ng
RT: 15.833 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

Instrument :
BNA_M
ClientSampleId :
CSB-3-17-17.5

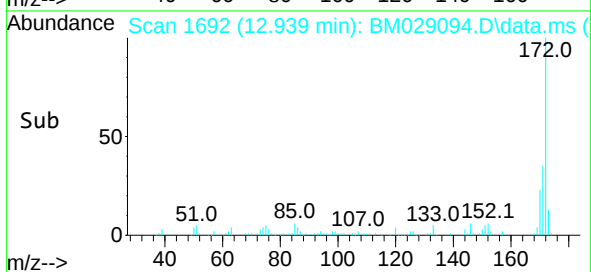
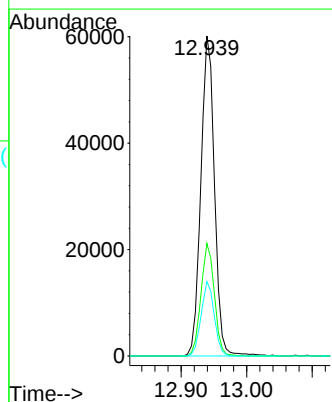
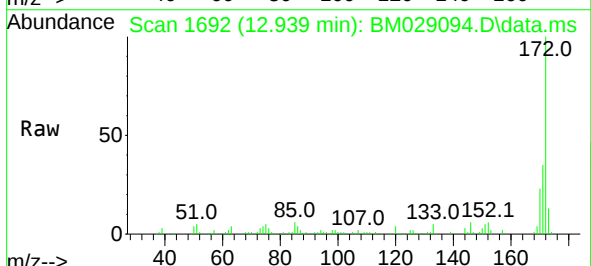


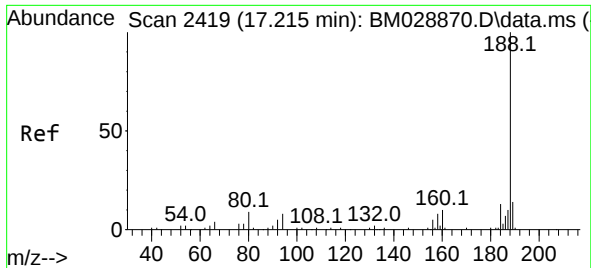
Tgt Ion:330 Resp: 21109
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 44.0 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 67.15 ng
RT: 12.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

Tgt Ion:172 Resp: 87267
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.3 18.6 27.8

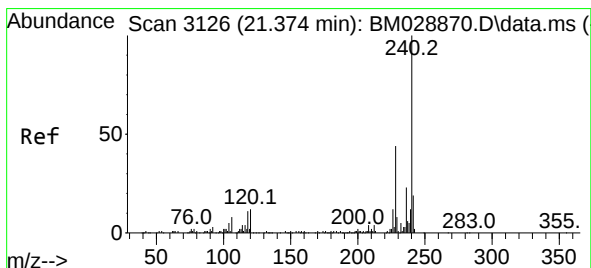
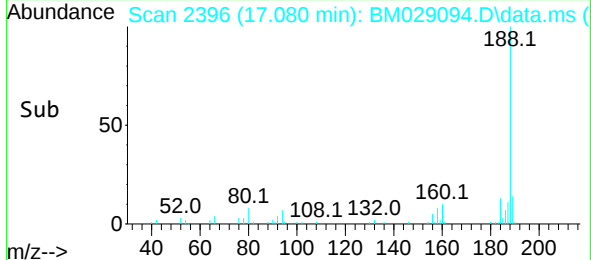
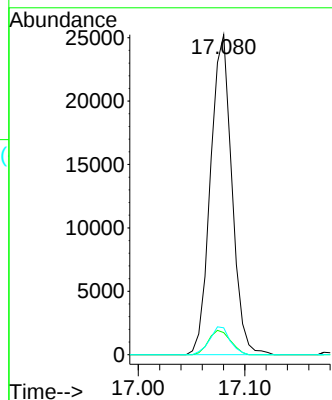
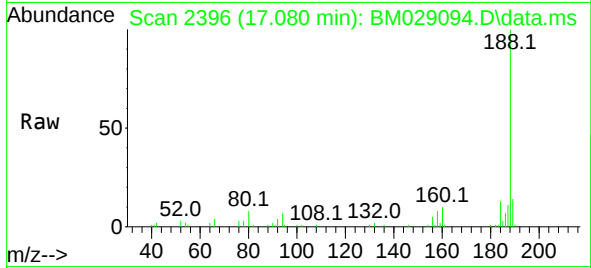




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.080 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

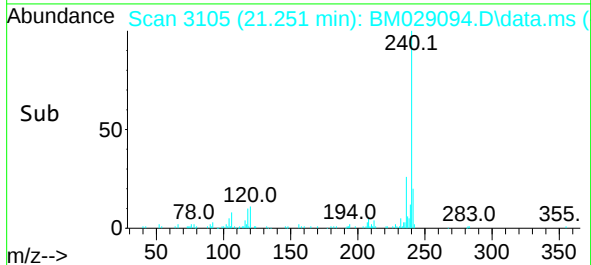
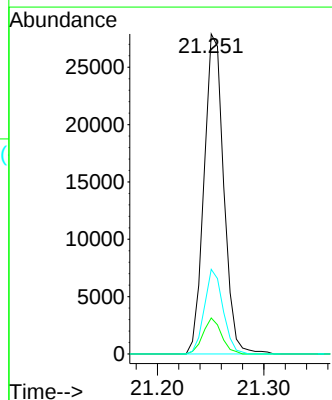
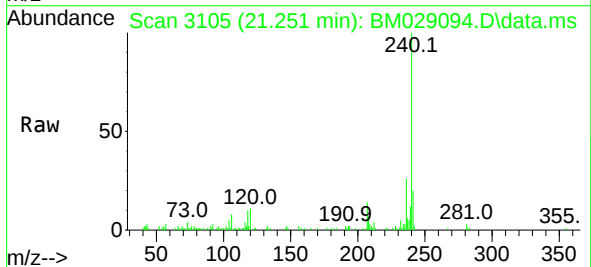
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BNA_M
ClientSampleId :
CSB-3-17-17.5

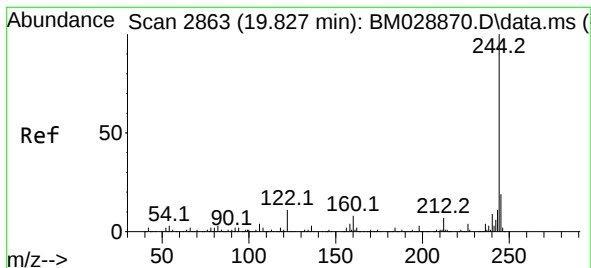
Tgt Ion:188 Resp: 35079
Ion Ratio Lower Upper
188 100
94 6.9 6.2 9.4
80 8.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM029094.D
Acq: 11 Mar 2021 14:37

Tgt Ion:240 Resp: 35886
Ion Ratio Lower Upper
240 100
120 11.2 6.4 9.6#
236 26.5 20.1 30.1





#79

Terphenyl-d14

Concen: 64.73 ng

RT: 19.704 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BM029094.D

Acq: 11 Mar 2021 14:37

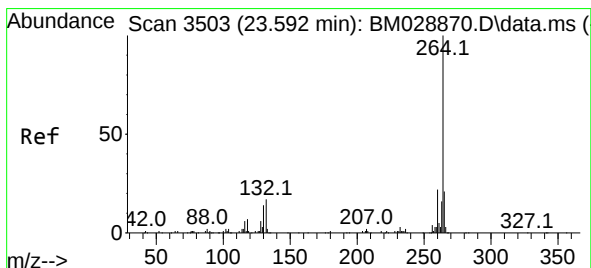
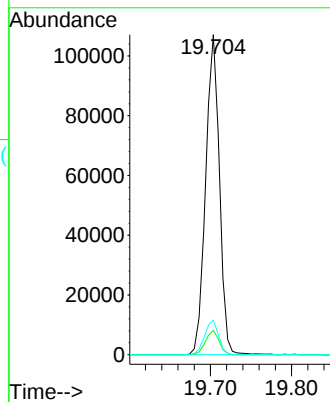
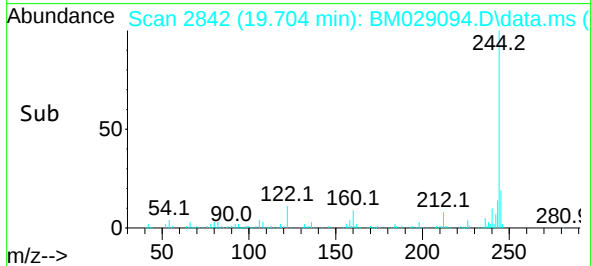
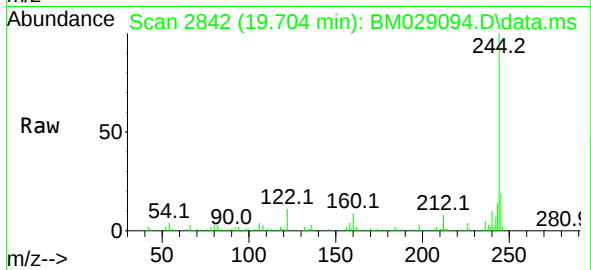
Tgt Ion:244 Resp: 125799

Ion Ratio Lower Upper

244 100

212 7.5 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: BM029094.D

Acq: 11 Mar 2021 14:37

Tgt Ion:264 Resp: 39255

Ion Ratio Lower Upper

264 100

260 22.0 19.0 28.4

265 23.4 17.7 26.5

