

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
 Data File : BM029099.D
 Acq On : 11 Mar 2021 17:44
 Operator : CG/JU
 Sample : M1642-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CSB-6-8-8.5

Quant Time: Mar 12 00:05:07 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)

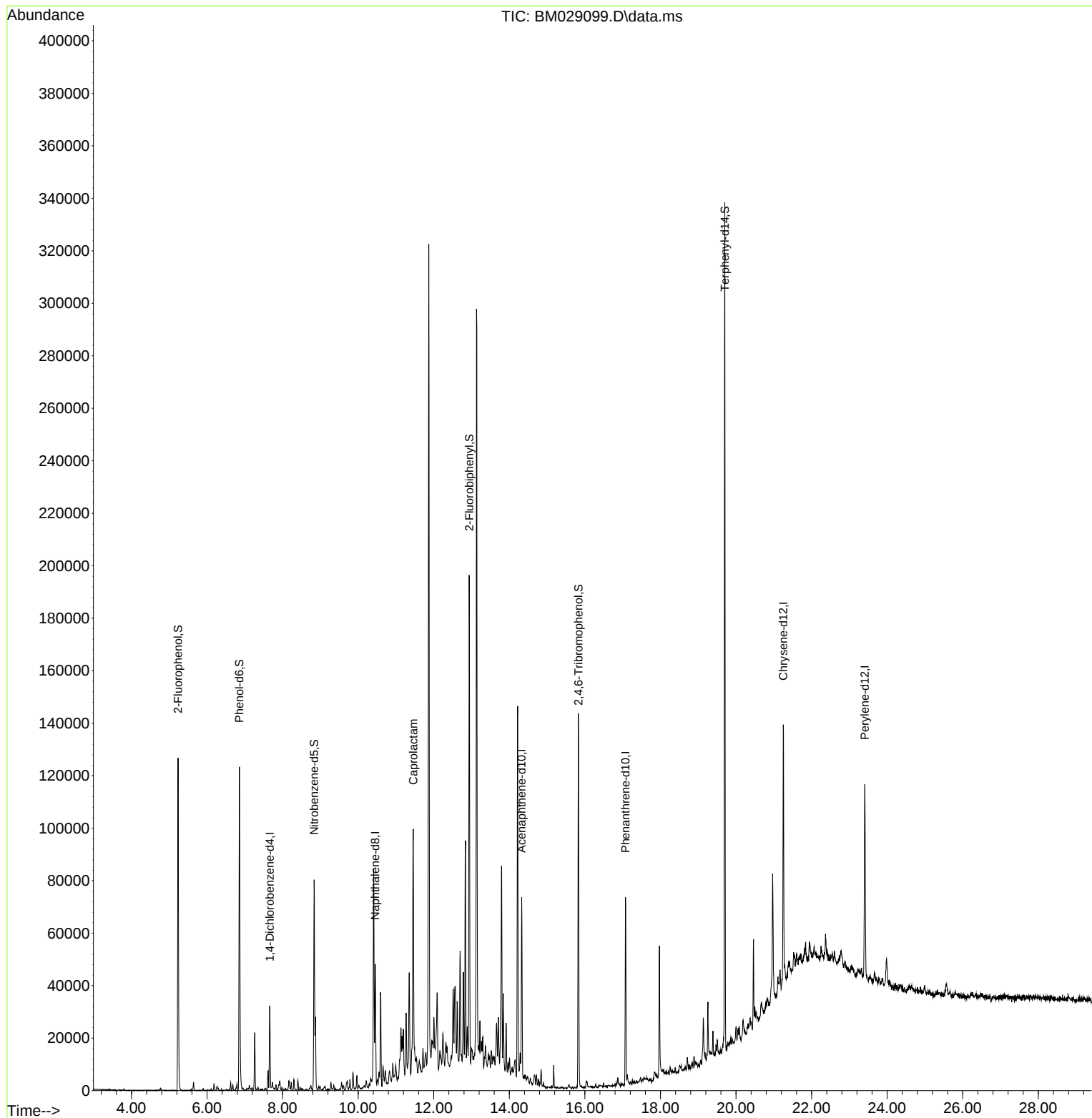
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	8544	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	33965	20.00	ng	#-0.01
39) Acenaphthene-d10	14.327	164	20166	20.00	ng	-0.01
64) Phenanthrene-d10	17.074	188	40625	20.00	ng	-0.01
76) Chrysene-d12	21.250	240	40906	20.00	ng	#-0.01
86) Perylene-d12	23.409	264	43744	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	49931	96.87	ng	-0.01
7) Phenol-d6	6.857	99	60517	88.89	ng	-0.01
23) Nitrobenzene-d5	8.834	82	39582	62.87	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	21728	90.91	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	88306	58.30	ng	-0.01
79) Terphenyl-d14	19.703	244	121242	54.73	ng	0.00
Target Compounds						
35) Caprolactam	11.457	113	2975	19.59	ng	Qvalue # 1

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

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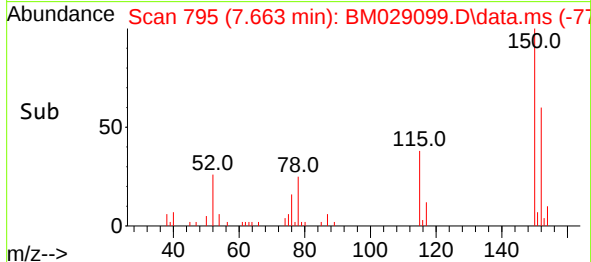
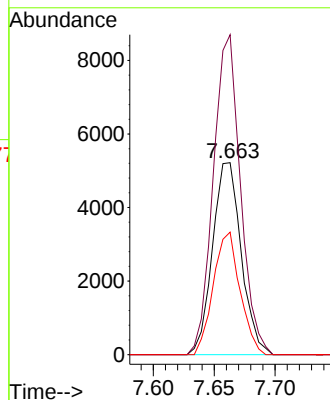
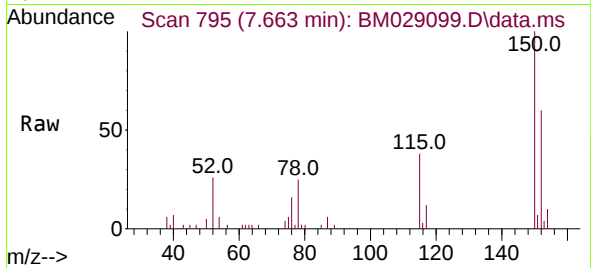




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

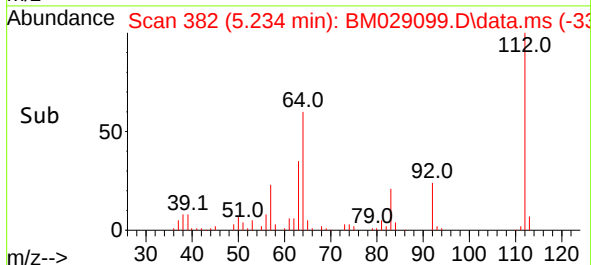
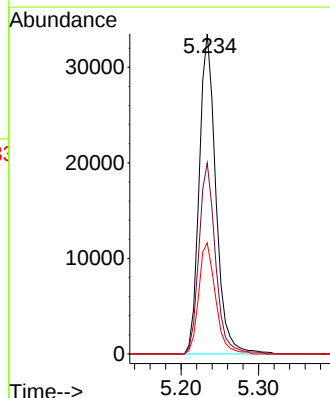
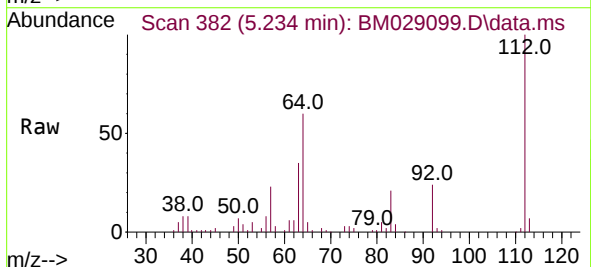
Instrument :
BNA_M
ClientSampleId :
CSB-6-8-8.5

Tgt Ion:152 Resp: 8544
Ion Ratio Lower Upper
152 100
150 166.7 120.6 181.0
115 63.8 47.2 70.8



#5
2-Fluorophenol
Concen: 96.87 ng
RT: 5.234 min Scan# 382
Delta R.T. -0.012 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

Tgt Ion:112 Resp: 49931
Ion Ratio Lower Upper
112 100
64 59.7 50.6 76.0
63 34.7 31.0 46.6

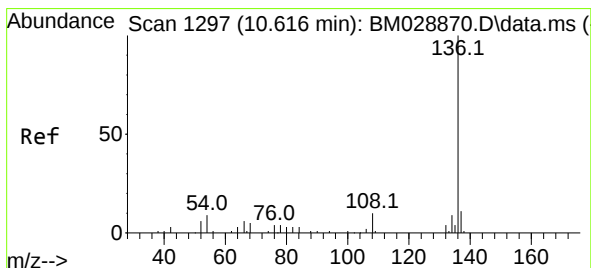
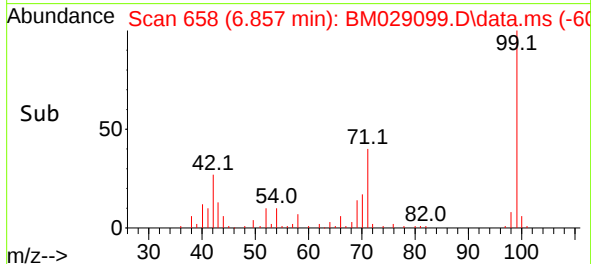
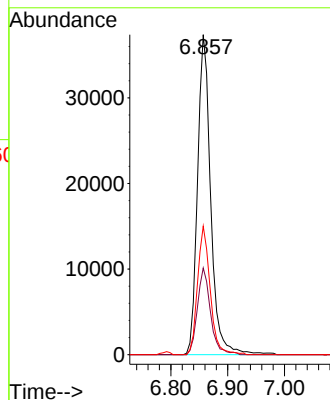
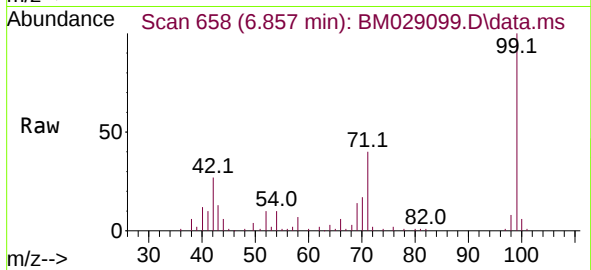




#7
Phenol-d6
Concen: 88.89 ng
RT: 6.857 min Scan# 658
Delta R.T. -0.012 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

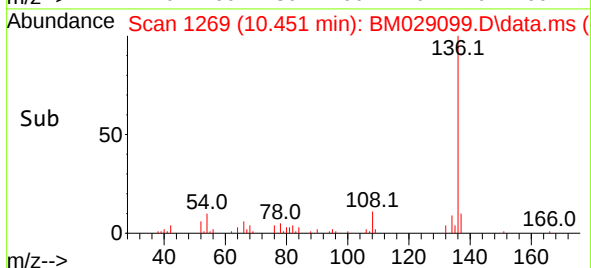
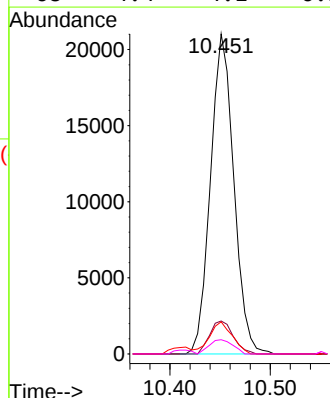
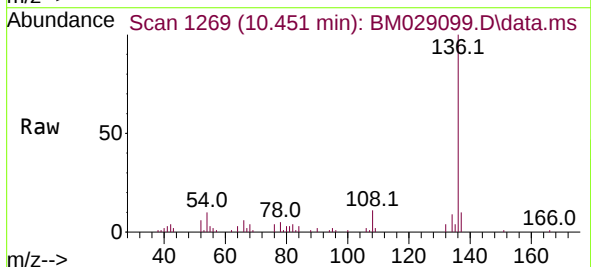
Instrument :
BNA_M
ClientSampleId :
CSB-6-8-8.5

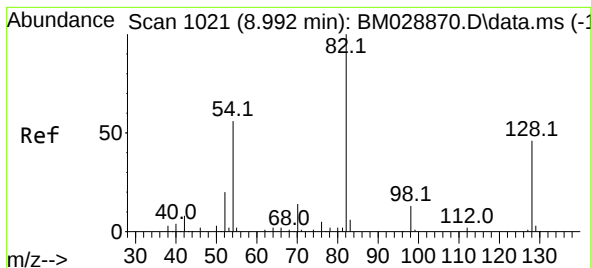
Tgt Ion: 99 Resp: 60517
Ion Ratio Lower Upper
99 100
42 27.1 13.5 20.3#
71 40.1 39.4 59.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

Tgt Ion: 136 Resp: 33965
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 10.1 4.6 7.0#
68 4.4 4.1 6.1

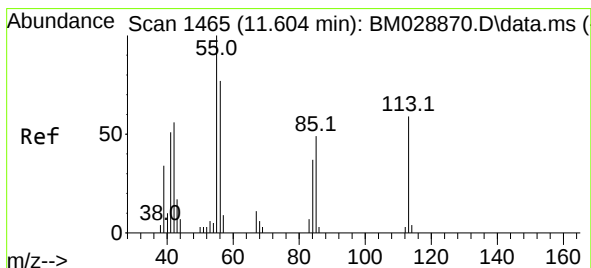
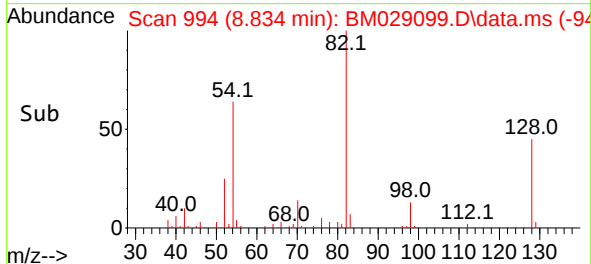
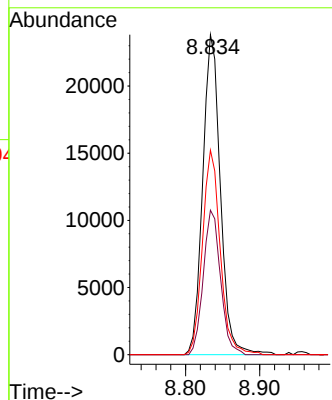
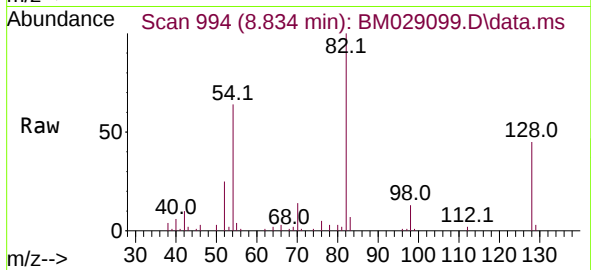




#23
Nitrobenzene-d5
Concen: 62.87 ng
RT: 8.834 min Scan# 994
Delta R.T. -0.012 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

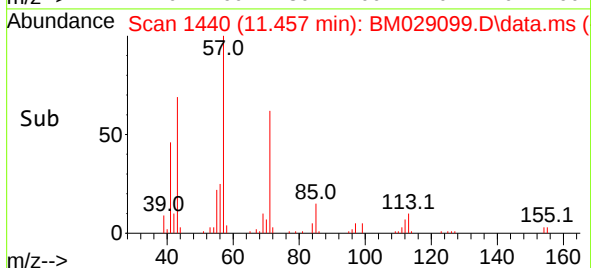
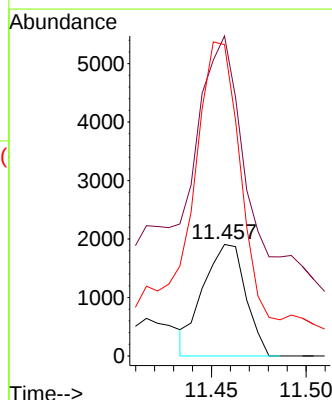
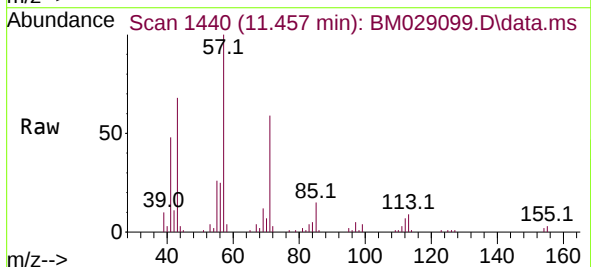
Instrument :
BNA_M
ClientSampleId :
CSB-6-8-8.5

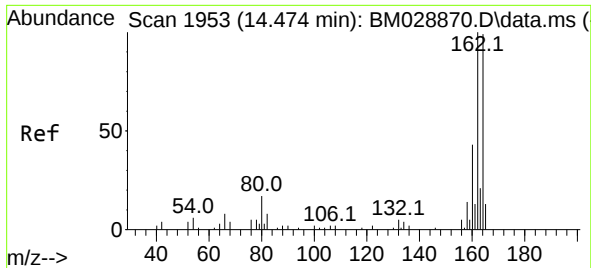
Tgt Ion: 82 Resp: 39582
Ion Ratio Lower Upper
82 100
128 45.2 27.4 41.0#
54 63.9 31.4 47.0#



#35
Caprolactam
Concen: 19.59 ng
RT: 11.457 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

Tgt Ion: 113 Resp: 2975
Ion Ratio Lower Upper
113 100
55 286.8 103.2 143.2#
56 279.0 84.2 124.2#

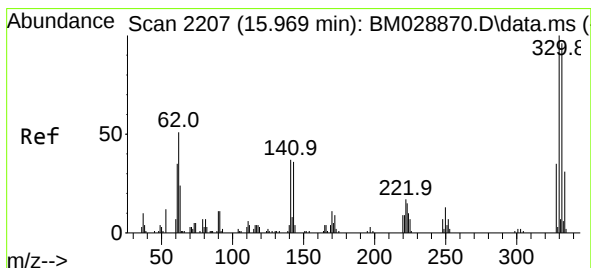
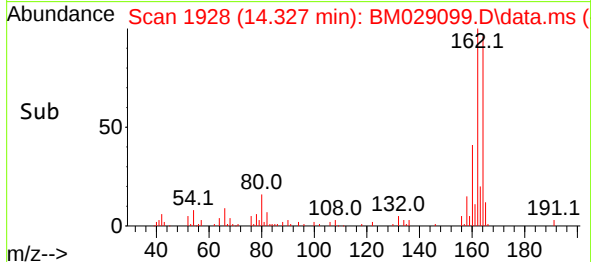
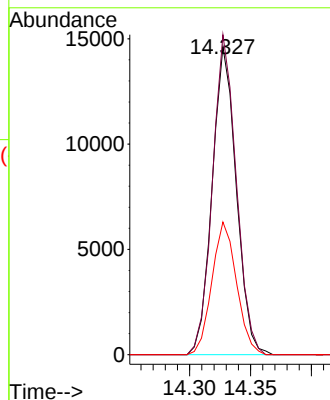
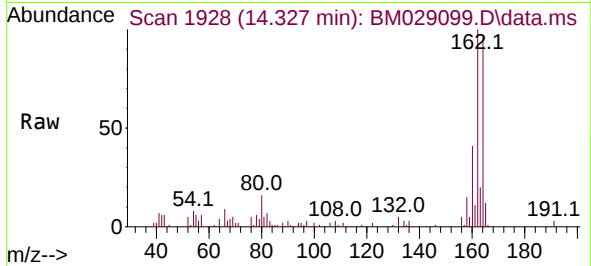




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

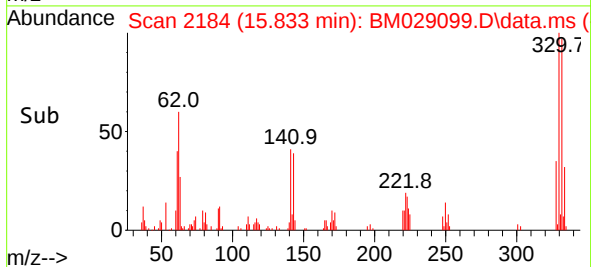
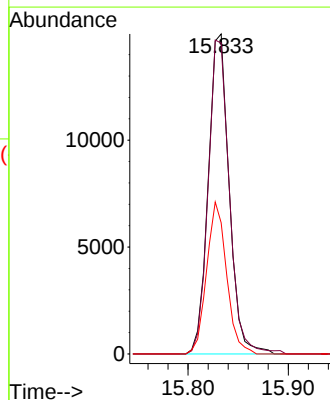
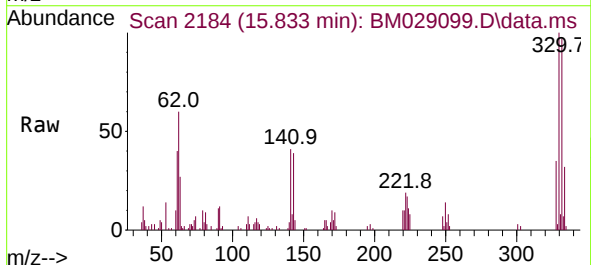
Instrument :
BNA_M
ClientSampleId :
CSB-6-8-8.5

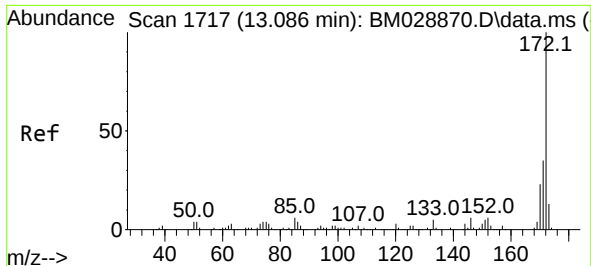
Tgt Ion:164	Resp:	20166
Ion Ratio	Lower	Upper
164	100	
162	103.9	80.4 120.6
160	43.1	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 90.91 ng
RT: 15.833 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

Tgt Ion:330	Resp:	21728
Ion Ratio	Lower	Upper
330	100	
332	99.2	77.8 116.8
141	45.4	28.4 42.6#

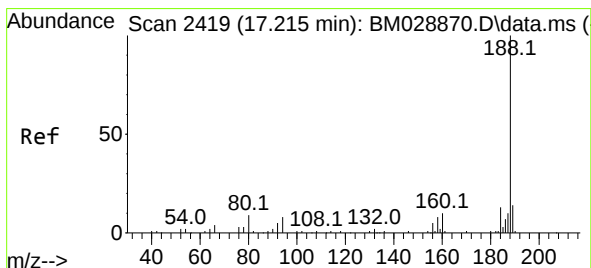
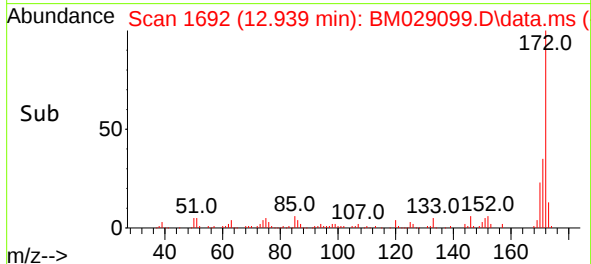
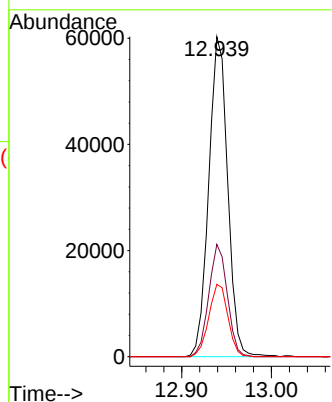
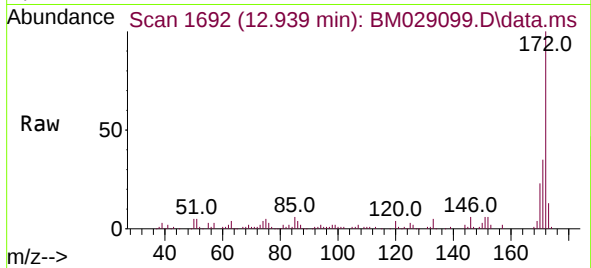




#45
2-Fluorobiphenyl
Concen: 58.30 ng
RT: 12.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

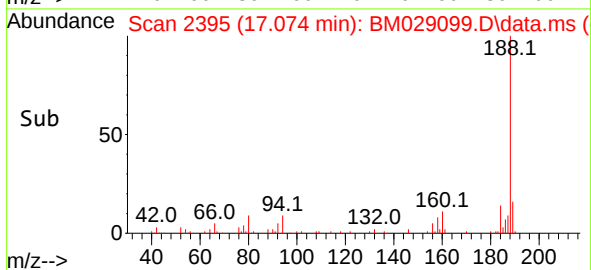
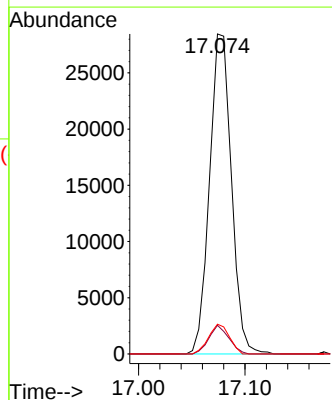
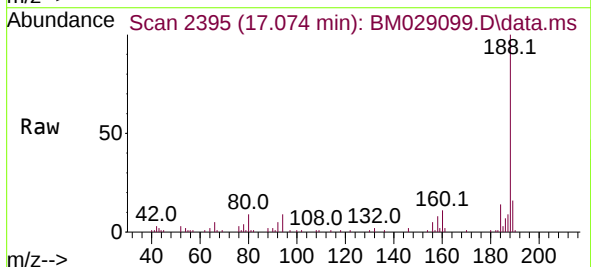
Instrument :
BNA_M
ClientSampled :
CSB-6-8-8.5

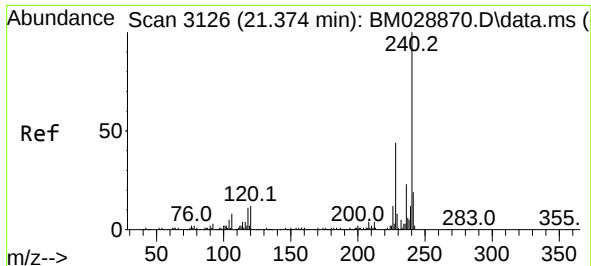
Tgt Ion:	172	Resp:	88306
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.8	41.8
170	22.6	18.6	27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.074 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

Tgt Ion:	188	Resp:	40625
Ion Ratio	Lower	Upper	
188	100		
94	9.0	6.2	9.4
80	9.3	7.5	11.3

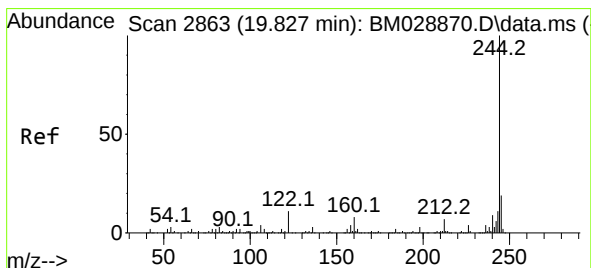
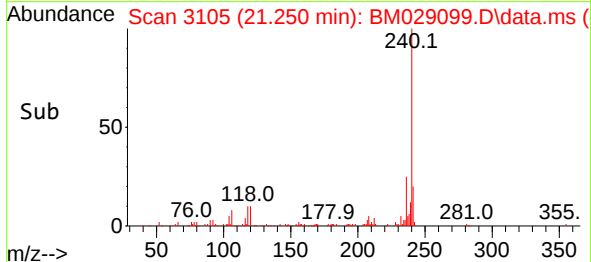
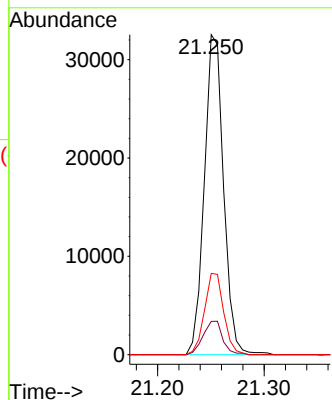
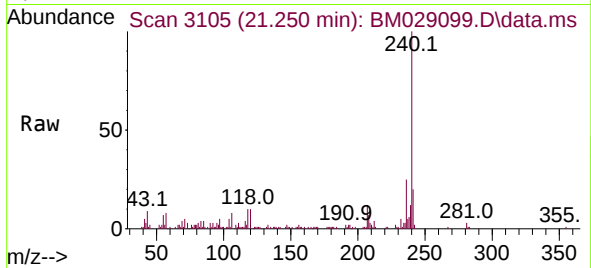




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.250 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

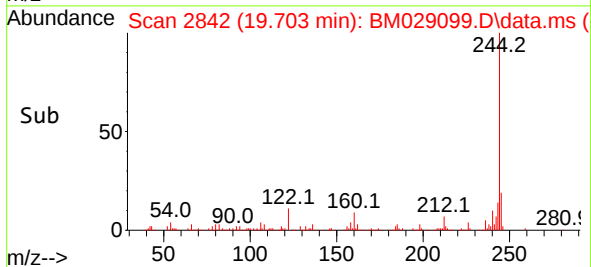
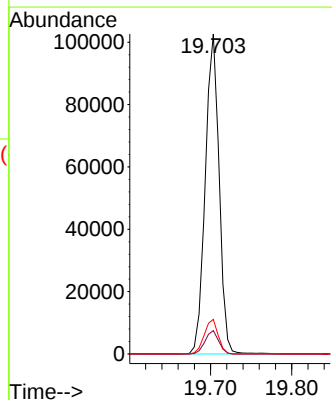
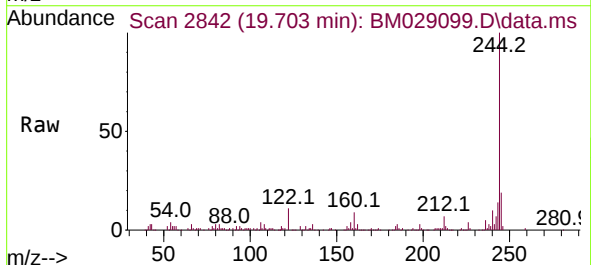
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CSB-6-8-8.5

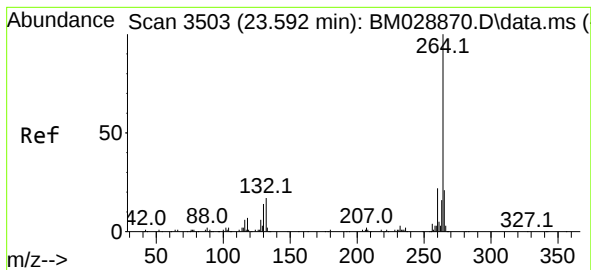
Tgt Ion:240 Resp: 40906
Ion Ratio Lower Upper
240 100
120 10.4 6.4 9.6#
236 25.4 20.1 30.1



#79
Terphenyl-d14
Concen: 54.73 ng
RT: 19.703 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM029099.D
Acq: 11 Mar 2021 17:44

Tgt Ion:244 Resp: 121242
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.8 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: BM029099.D
 Acq: 11 Mar 2021 17:44

Instrument :
 BNA_M
 ClientSampleId :
 CSB-6-8-8.5

Tgt Ion:	264	Resp:	43744
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.4
265	22.7	17.7	26.5

