

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
 Data File : BM029122.D
 Acq On : 12 Mar 2021 21:50
 Operator : CG/JU
 Sample : M1642-01RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CSB-4-15-15.5RE

Quant Time: Mar 12 22:26:42 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)

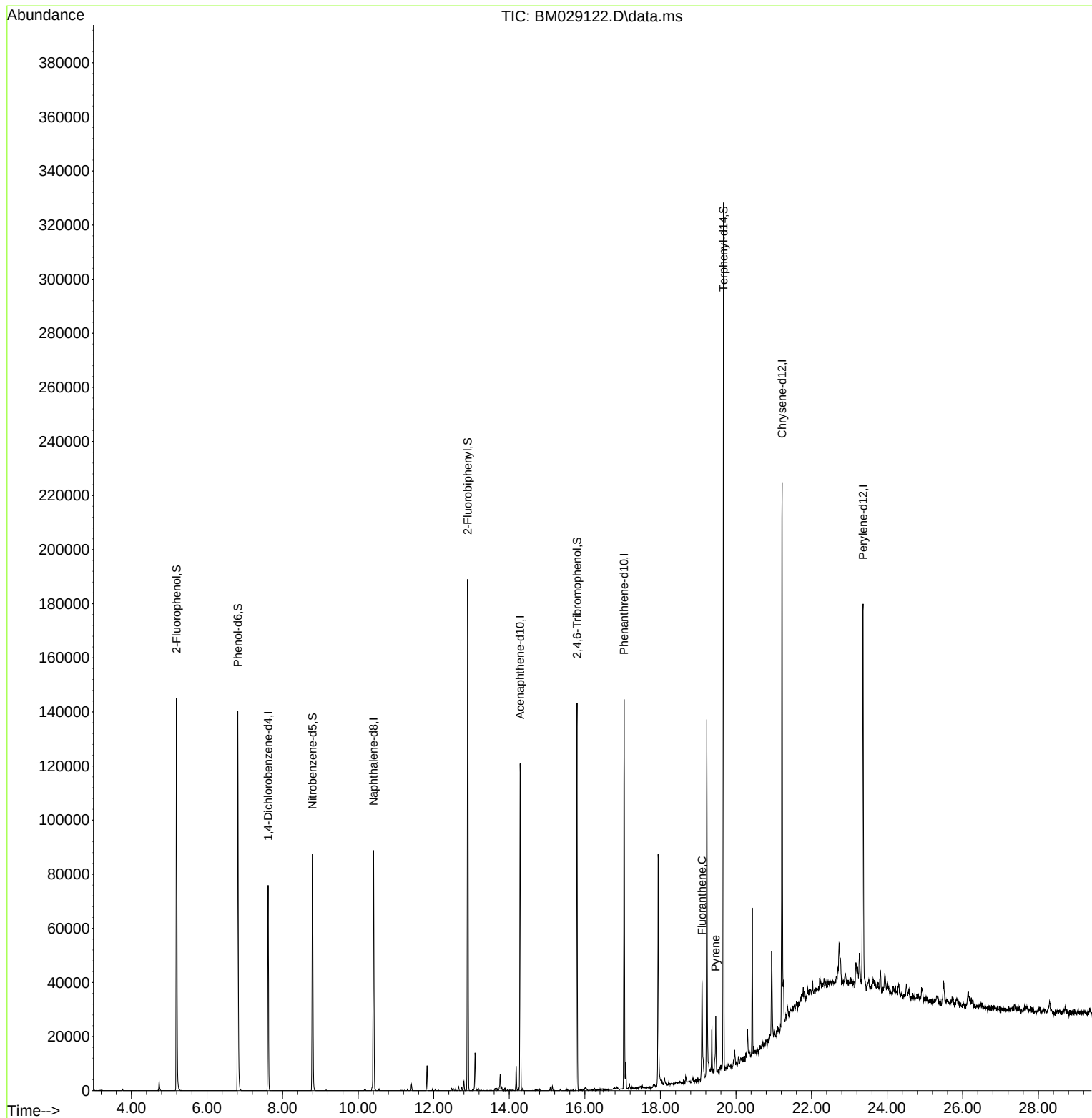
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	18621	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	70250	20.00	ng	#-0.01
39) Acenaphthene-d10	14.287	164	37941	20.00	ng	-0.01
64) Phenanthrene-d10	17.039	188	76554	20.00	ng	0.00
76) Chrysene-d12	21.221	240	78700	20.00	ng	# 0.00
86) Perylene-d12	23.362	264	85038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	55409	49.32	ng	0.00
7) Phenol-d6	6.816	99	64303	43.34	ng	0.00
23) Nitrobenzene-d5	8.793	82	42309	32.49	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	20677	45.98	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	88970	31.22	ng	0.00
79) Terphenyl-d14	19.669	244	116376	27.30	ng	0.00
Target Compounds						
75) Fluoranthene	19.098	202	13157	2.63	ng	98
78) Pyrene	19.463	202	12063	2.09	ng	95

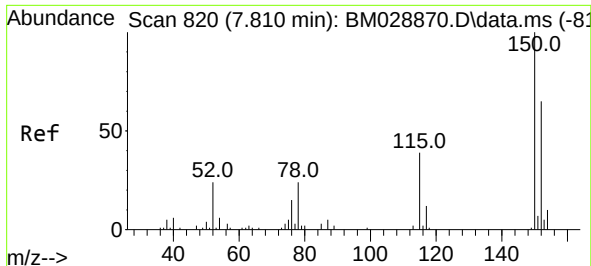
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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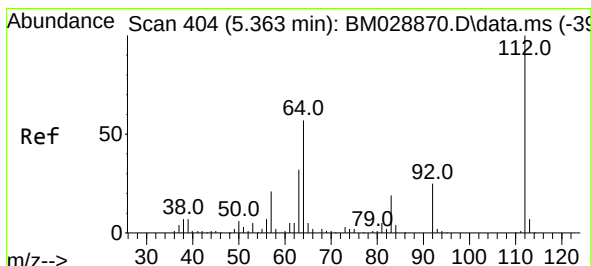
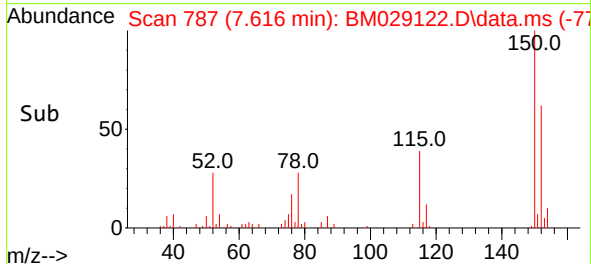
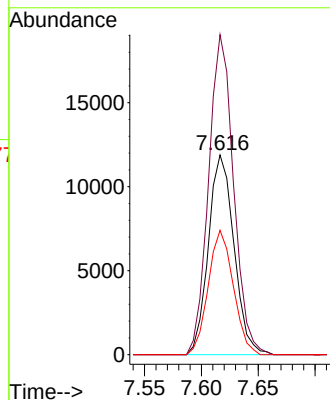
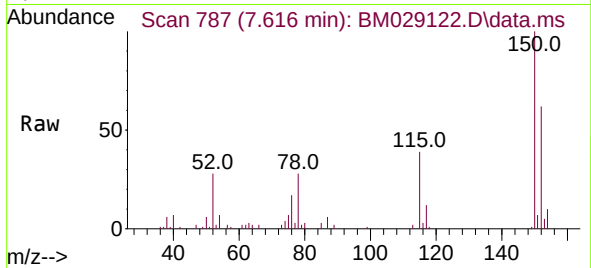




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029122.D
Acq: 12 Mar 2021 21:50

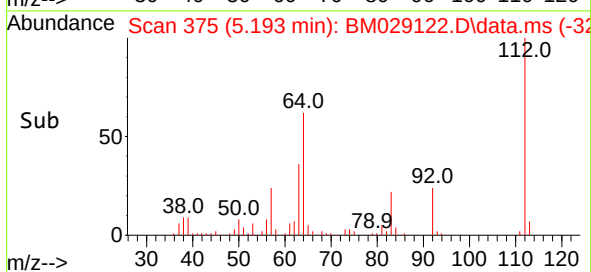
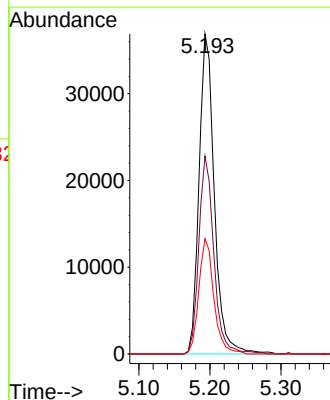
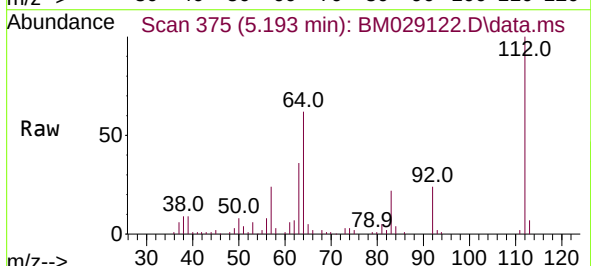
Instrument :
BNA_M
ClientSampleId :
CSB-4-15-15.5RE

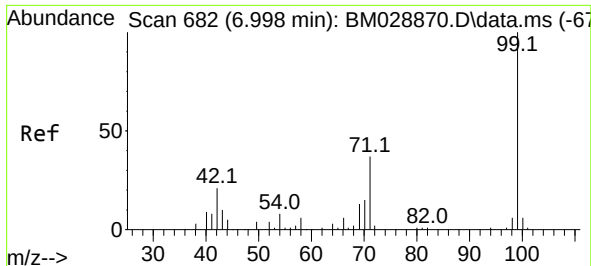
Tgt Ion:152 Resp: 18621
Ion Ratio Lower Upper
152 100
150 160.3 120.6 181.0
115 62.3 47.2 70.8



#5
2-Fluorophenol
Concen: 49.32 ng
RT: 5.193 min Scan# 375
Delta R.T. -0.005 min
Lab File: BM029122.D
Acq: 12 Mar 2021 21:50

Tgt Ion:112 Resp: 55409
Ion Ratio Lower Upper
112 100
64 61.9 50.6 76.0
63 36.0 31.0 46.6

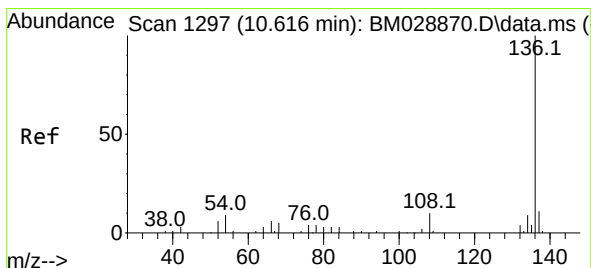
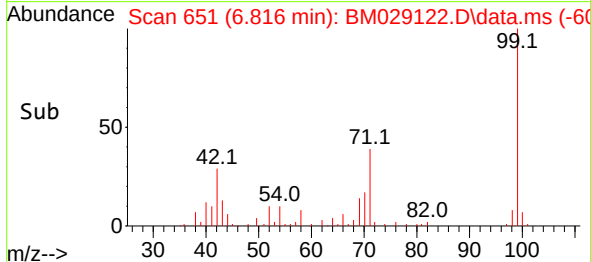
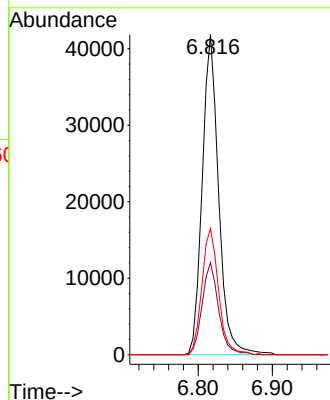
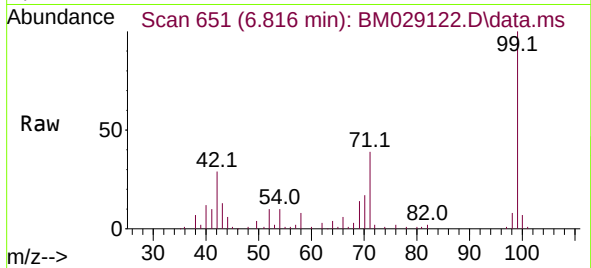




#7
Phenol-d6
Concen: 43.34 ng
RT: 6.816 min Scan# 651
Delta R.T. -0.005 min
Lab File: BM029122.D
Acq: 12 Mar 2021 21:50

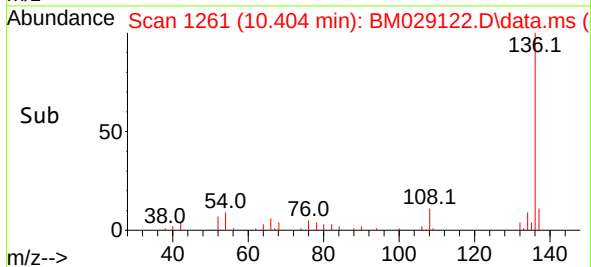
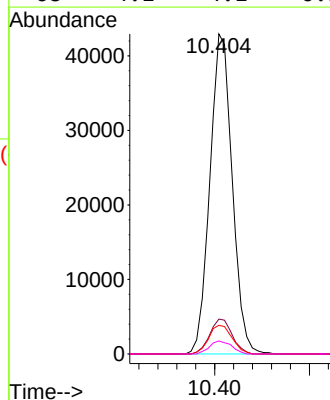
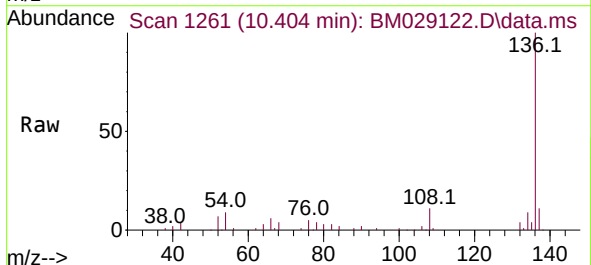
Instrument :
BNA_M
ClientSampleId :
CSB-4-15-15.5RE

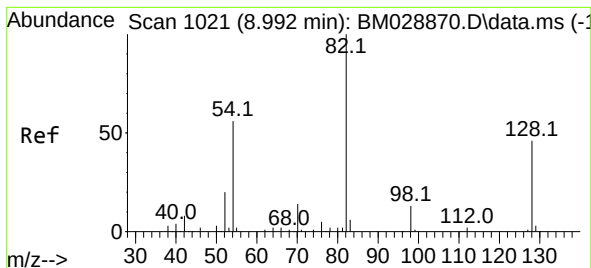
Tgt Ion: 99 Resp: 64303
Ion Ratio Lower Upper
99 100
42 28.8 13.5 20.3#
71 39.4 39.4 59.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.011 min
Lab File: BM029122.D
Acq: 12 Mar 2021 21:50

Tgt Ion: 136 Resp: 70250
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.9 4.6 7.0#
68 4.1 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 32.49 ng

RT: 8.793 min Scan# 987

Delta R.T. -0.005 min

Lab File: BM029122.D

Acq: 12 Mar 2021 21:50

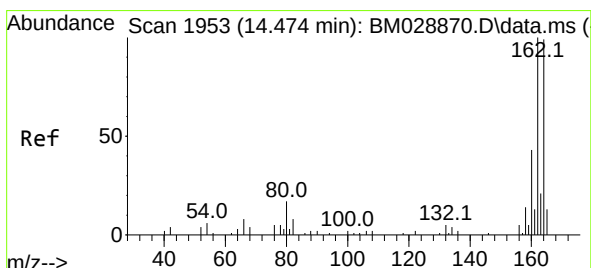
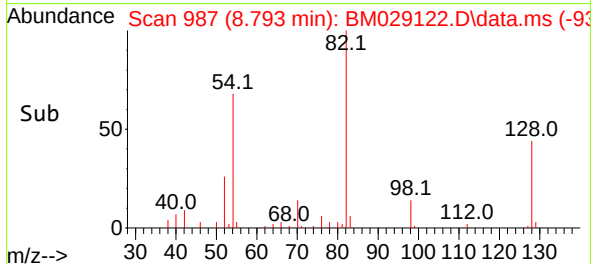
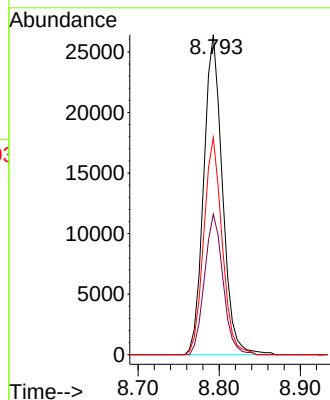
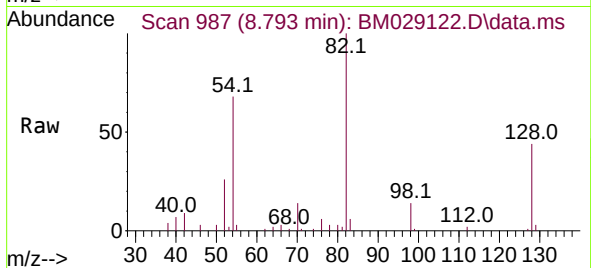
Tgt Ion:	82	Resp:	42309
Ion Ratio	Lower	Upper	
82	100		
128	43.9	27.4	41.0#
54	67.8	31.4	47.0#

Instrument :

BNA_M

ClientSampleId :

CSB-4-15-15.5RE



#39

Acenaphthene-d10

Concen: 20.00 ng

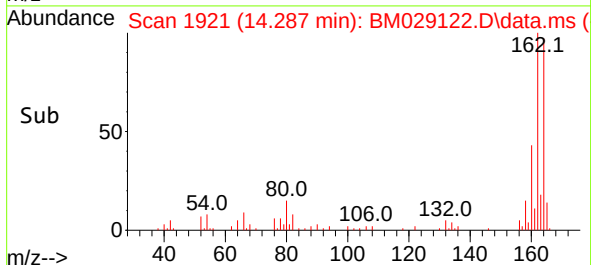
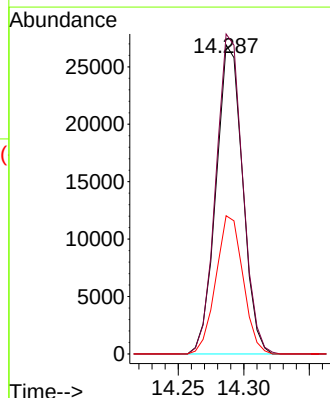
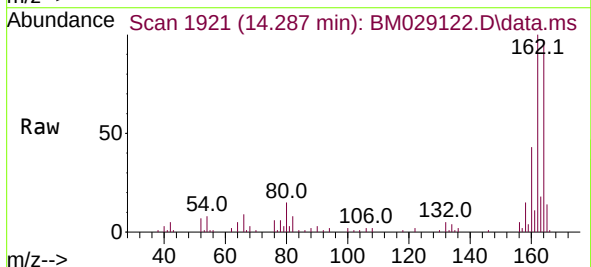
RT: 14.287 min Scan# 1921

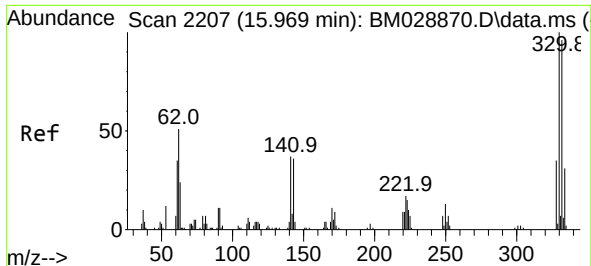
Delta R.T. -0.011 min

Lab File: BM029122.D

Acq: 12 Mar 2021 21:50

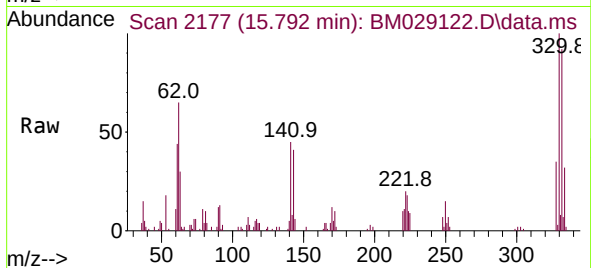
Tgt Ion:	164	Resp:	37941
Ion Ratio	Lower	Upper	
164	100		
162	103.5	80.4	120.6
160	44.7	35.9	53.9



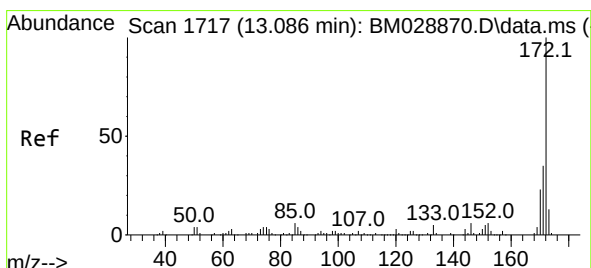
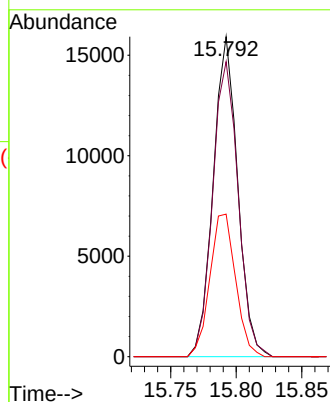
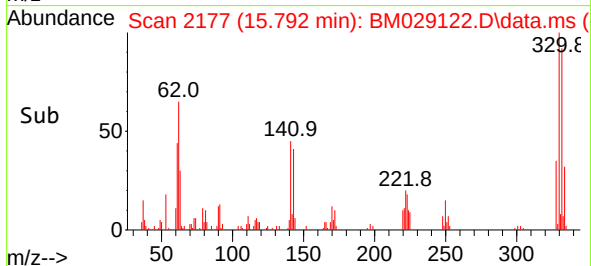


#42
2,4,6-Tribromophenol
Concen: 45.98 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BM029122.D
Acq: 12 Mar 2021 21:50

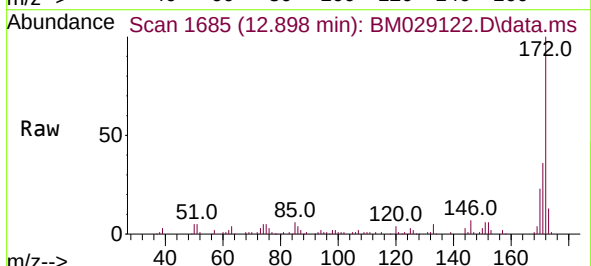
Instrument :
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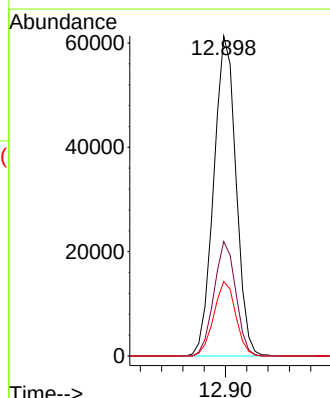
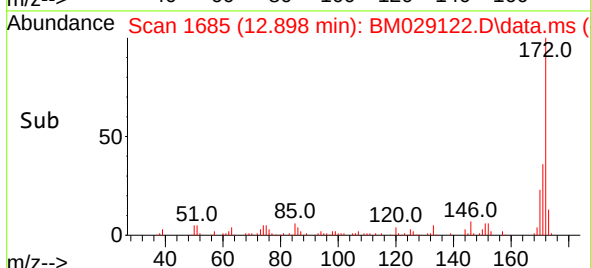
Tgt Ion:330 Resp: 20677
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 46.9 28.4 42.6#

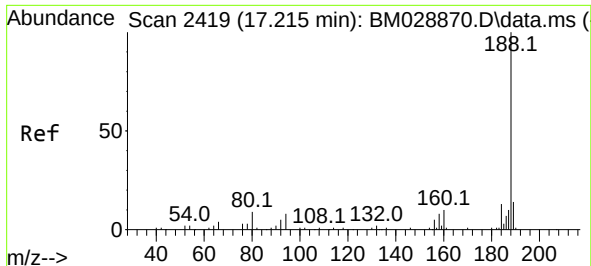


#45
2-Fluorobiphenyl
Concen: 31.22 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.005 min
Lab File: BM029122.D
Acq: 12 Mar 2021 21:50



Tgt Ion:172 Resp: 88970
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 23.3 18.6 27.8

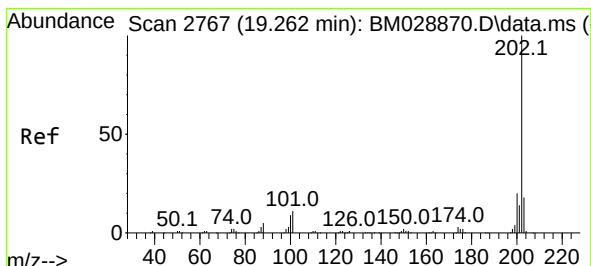
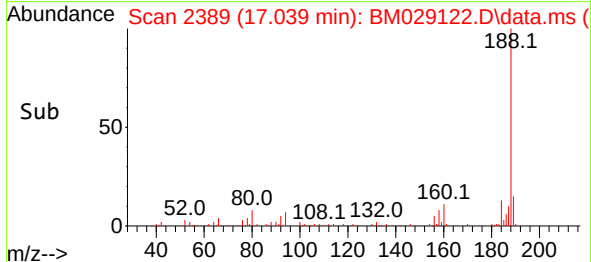
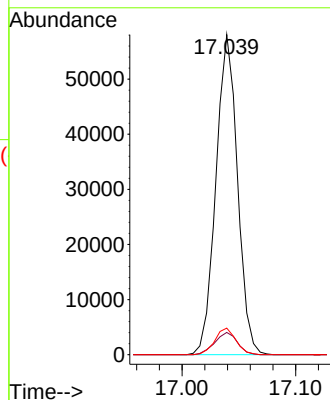
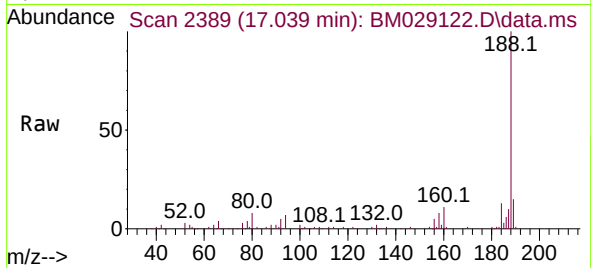




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.039 min Scan# 2389
Delta R.T. -0.005 min
Lab File: BM029122.D
Acq: 12 Mar 2021 21:50

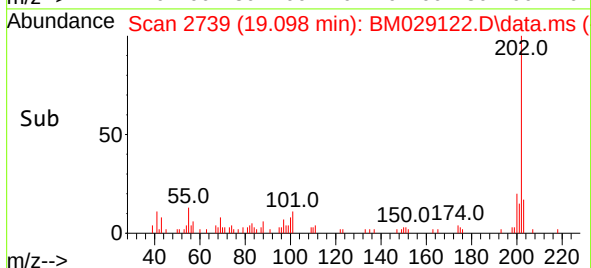
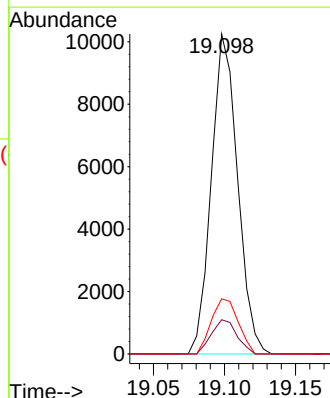
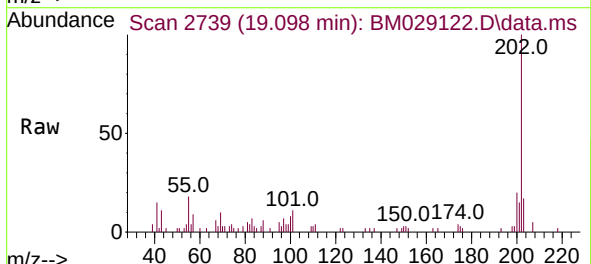
Instrument :
BNA_M
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CSB-4-15-15.5RE

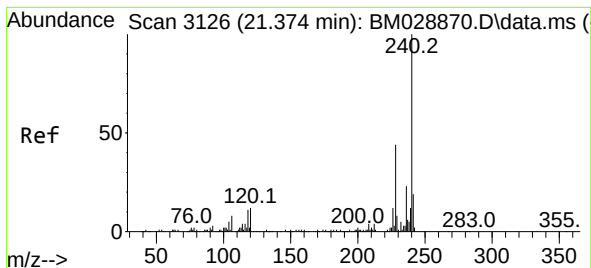
Tgt Ion:188 Resp: 76554
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.4
80 8.3 7.5 11.3



#75
Fluoranthene
Concen: 2.63 ng
RT: 19.098 min Scan# 2739
Delta R.T. -0.005 min
Lab File: BM029122.D
Acq: 12 Mar 2021 21:50

Tgt Ion:202 Resp: 13157
Ion Ratio Lower Upper
202 100
101 10.7 0.0 28.5
203 17.2 0.0 37.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.221 min Scan# 3100

Delta R.T. -0.005 min

Lab File: BM029122.D

Acq: 12 Mar 2021 21:50

Tgt Ion:240 Resp: 78700

Ion Ratio Lower Upper

240 100

120 10.1 6.4 9.6#

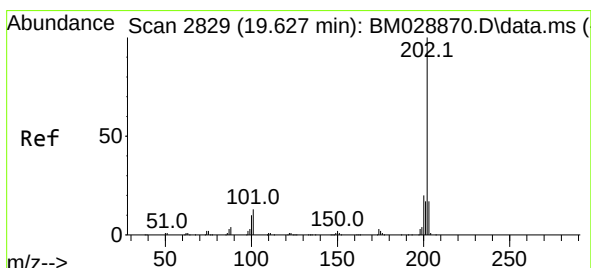
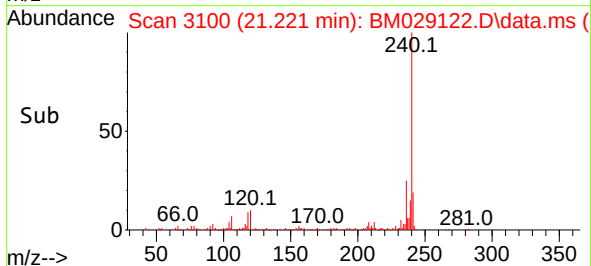
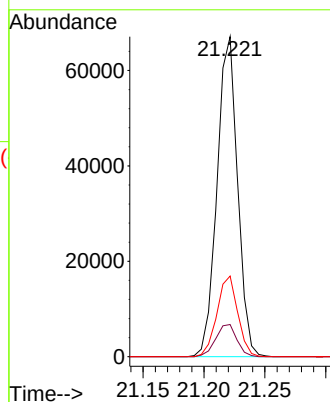
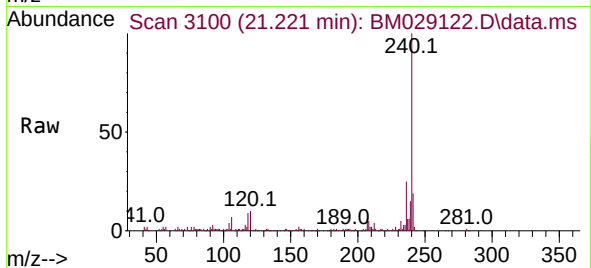
236 25.2 20.1 30.1

Instrument :

BNA_M

ClientSampleId :

CSB-4-15-15.5RE



#78

Pyrene

Concen: 2.09 ng

RT: 19.463 min Scan# 2801

Delta R.T. -0.005 min

Lab File: BM029122.D

Acq: 12 Mar 2021 21:50

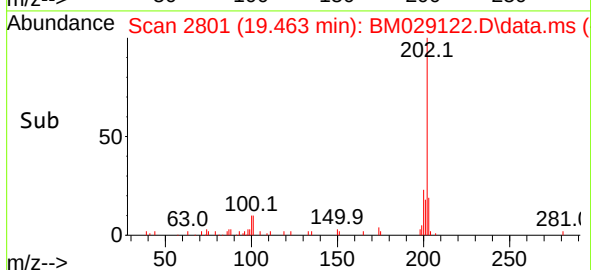
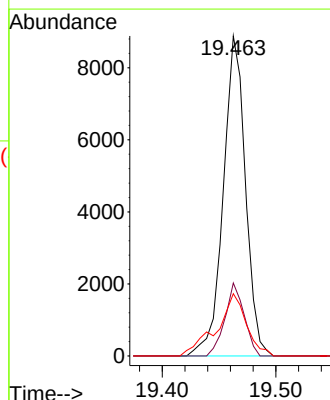
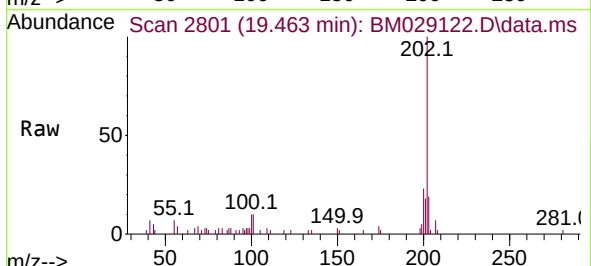
Tgt Ion:202 Resp: 12063

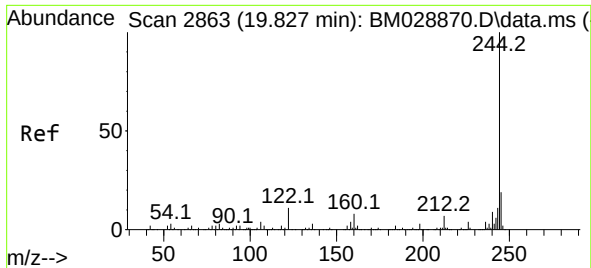
Ion Ratio Lower Upper

202 100

200 22.8 16.6 24.8

203 19.4 13.8 20.6

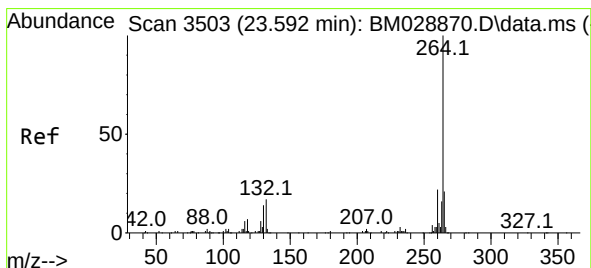
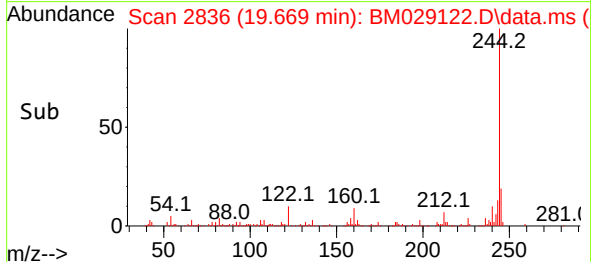
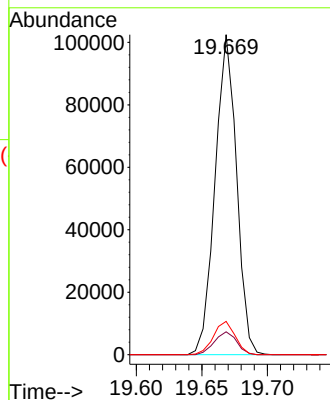
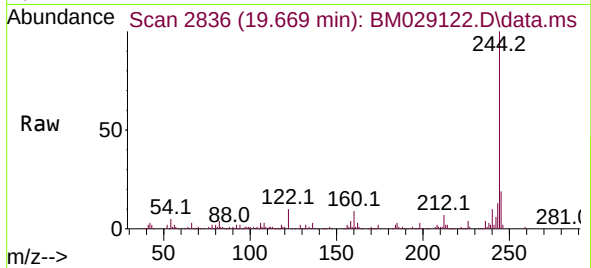




#79
 Terphenyl-d14
 Concen: 27.30 ng
 RT: 19.669 min Scan# 2836
 Delta R.T. -0.005 min
 Lab File: BM029122.D
 Acq: 12 Mar 2021 21:50

Instrument :
 BNA_M
 ClientSampleId :
 CSB-4-15-15.5RE

Tgt Ion:244 Resp: 116376
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.4 6.5 9.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.362 min Scan# 3464
 Delta R.T. -0.005 min
 Lab File: BM029122.D
 Acq: 12 Mar 2021 21:50

Tgt Ion:264 Resp: 85038
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 20.8 17.7 26.5

