

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
 Data File : BM034057.D
 Acq On : 23 Feb 2022 17:52
 Operator : CG/JU
 Sample : N1602-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220086-AMENDED-BERKELEY-6-COMP

Quant Time: Feb 24 04:51:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 17:55:56 2022
 Response via : Initial Calibration

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

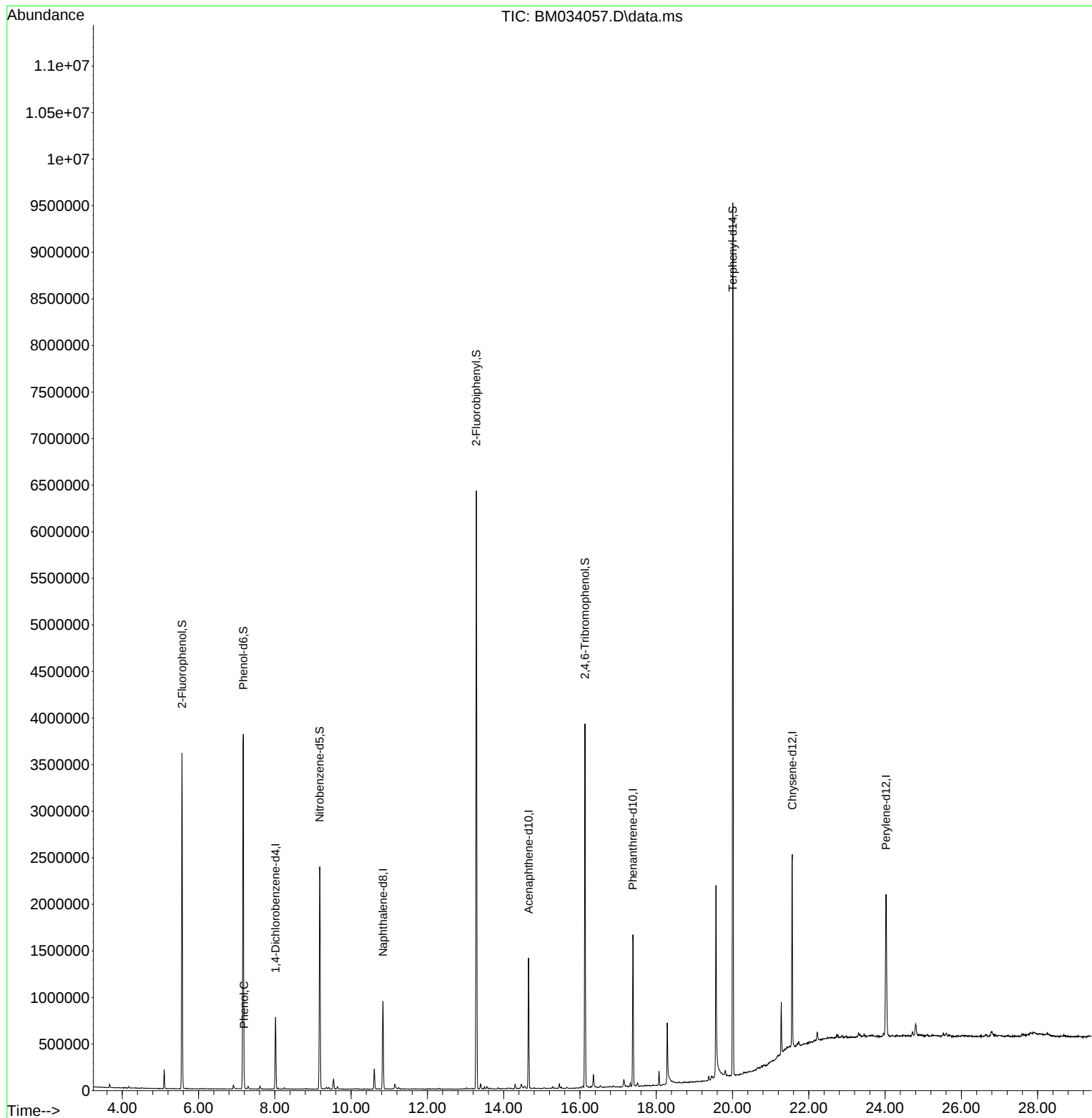
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	209636	20.000	ng	0.00
21) Naphthalene-d8	10.836	136	783803	20.000	ng	# 0.00
39) Acenaphthene-d10	14.654	164	481532	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	971112	20.000	ng	# 0.00
76) Chrysene-d12	21.565	240	1023768	20.000	ng	0.00
86) Perylene-d12	24.024	264	1161274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	1423915	121.081	ng	0.00
7) Phenol-d6	7.172	99	2015774	130.534	ng	0.00
23) Nitrobenzene-d5	9.178	82	1315732	90.589	ng	0.00
42) 2,4,6-Tribromophenol	16.130	330	705822	120.772	ng	0.00
45) 2-Fluorobiphenyl	13.283	172	3202597	88.609	ng	0.00
79) Terphenyl-d14	20.006	244	4450140	75.693	ng	0.00
Target Compounds						
10) Phenol	7.195	94	33435	2.201	ng	Qvalue 95

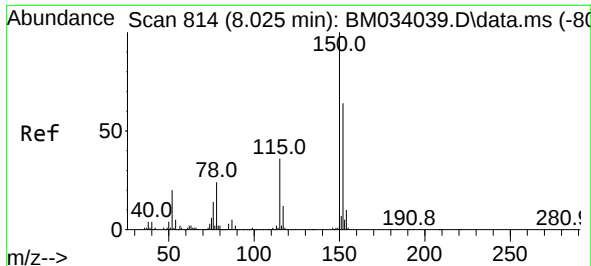
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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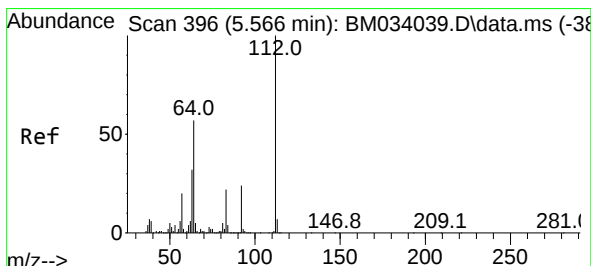
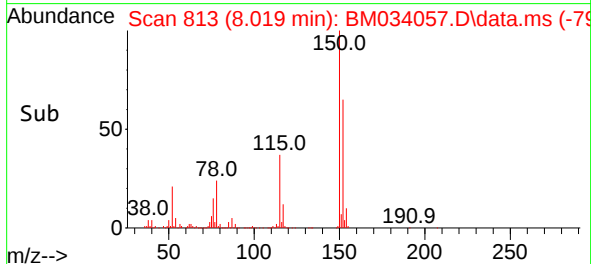
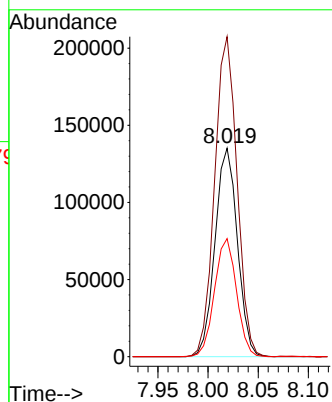
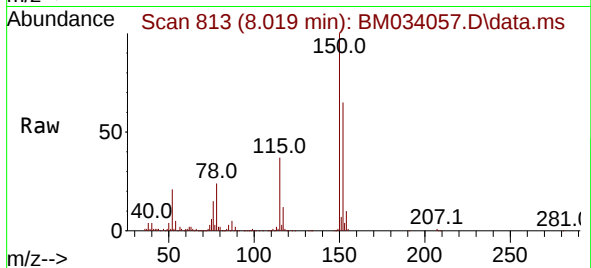




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.019 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM034057.D
Acq: 23 Feb 2022 17:52

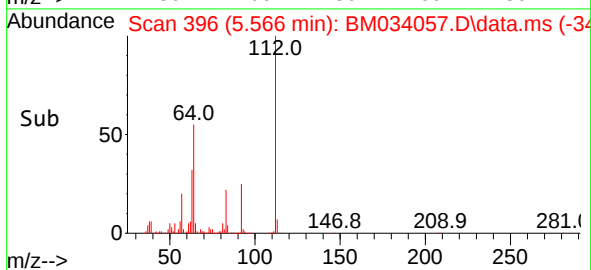
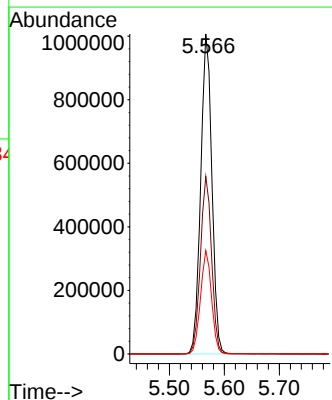
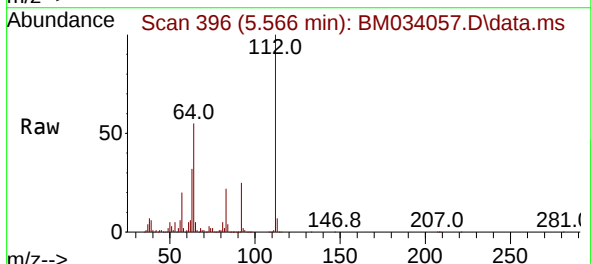
Instrument :
BNA_M
ClientSampleId :
20220086-AMENDED-BERKELEY-6-COMP

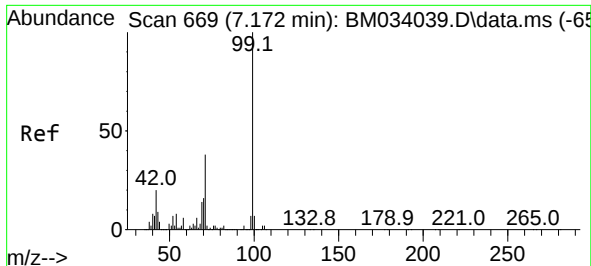
Tgt Ion:152 Resp: 209636
Ion Ratio Lower Upper
152 100
150 153.5 128.9 193.3
115 56.7 53.0 79.6



#5
2-Fluorophenol
Concen: 121.081 ng
RT: 5.566 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM034057.D
Acq: 23 Feb 2022 17:52

Tgt Ion:112 Resp: 1423915
Ion Ratio Lower Upper
112 100
64 55.5 55.5 83.3#
63 32.3 31.3 46.9

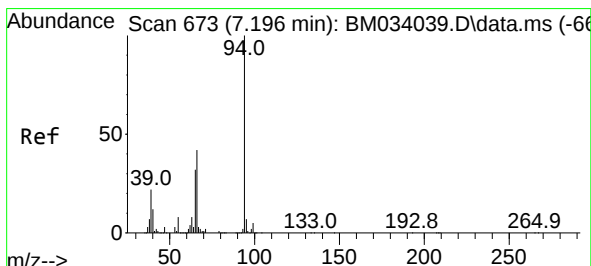
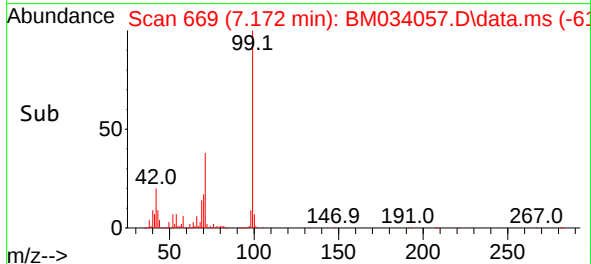
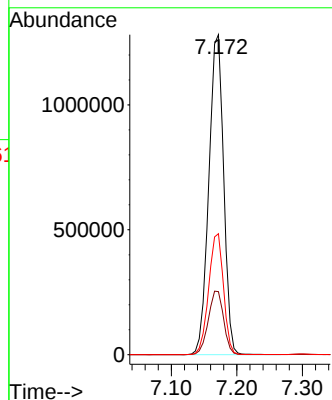
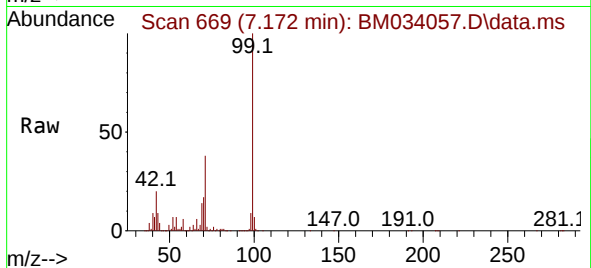




#7
Phenol-d6
Concen: 130.534 ng
RT: 7.172 min Scan# 669
Delta R.T. -0.000 min
Lab File: BM034057.D
Acq: 23 Feb 2022 17:52

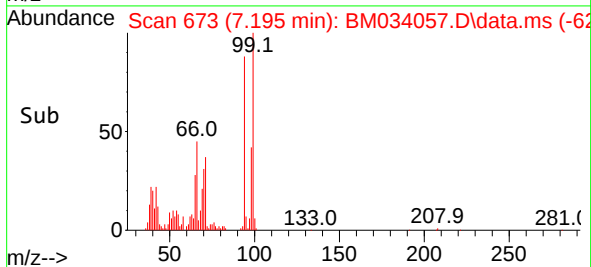
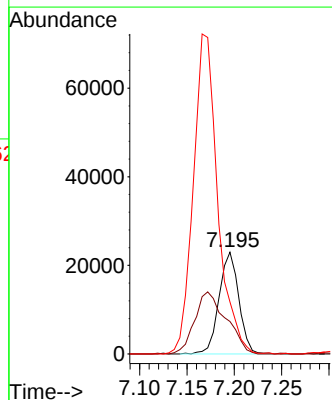
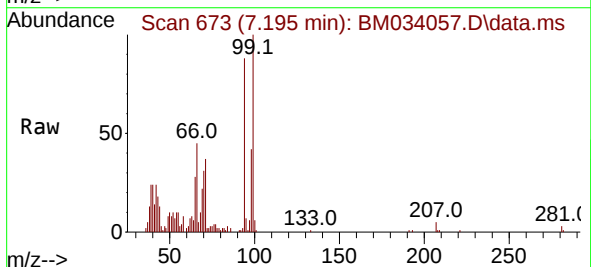
Instrument : BNA_M
ClientSampleId : 20220086-AMENDED-BERKELEY-6-COMP

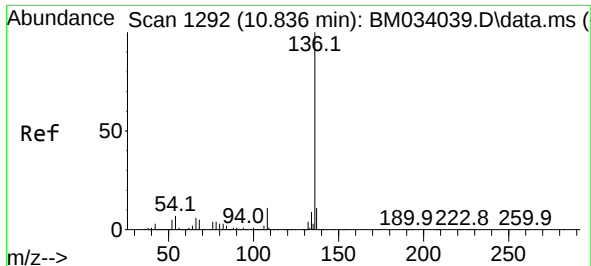
Tgt Ion: 99 Resp: 2015774
Ion Ratio Lower Upper
99 100
42 19.7 20.3 30.5#
71 37.8 34.5 51.7



#10
Phenol
Concen: 2.201 ng
RT: 7.195 min Scan# 673
Delta R.T. -0.000 min
Lab File: BM034057.D
Acq: 23 Feb 2022 17:52

Tgt Ion: 94 Resp: 33435
Ion Ratio Lower Upper
94 100
65 32.0 15.5 55.5
66 51.1 28.5 68.5

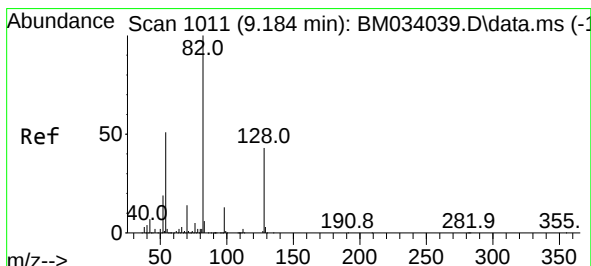
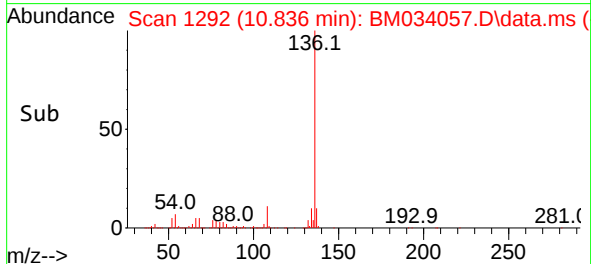
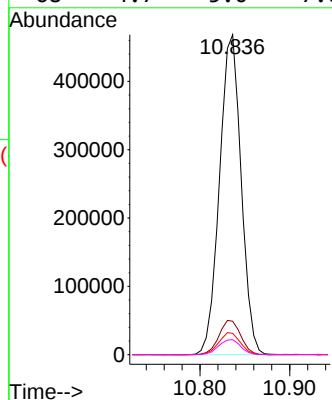
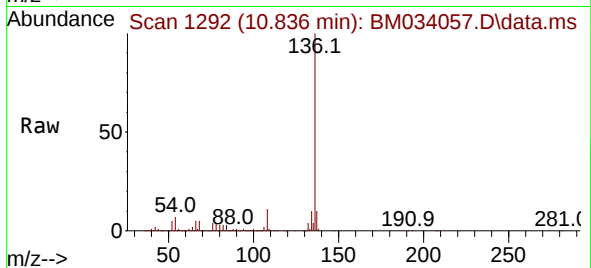




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.836 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM034057.D
Acq: 23 Feb 2022 17:52

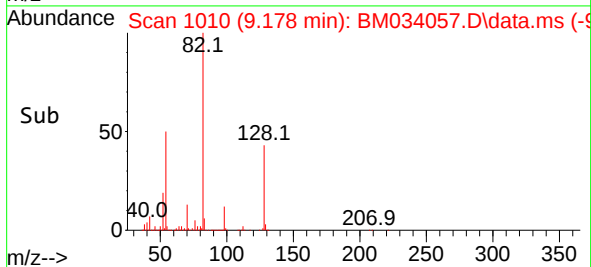
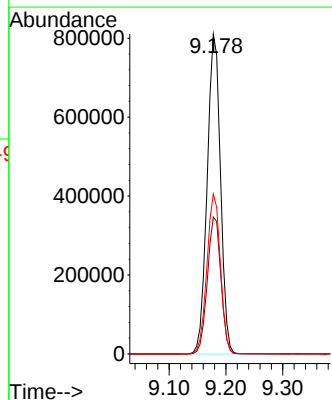
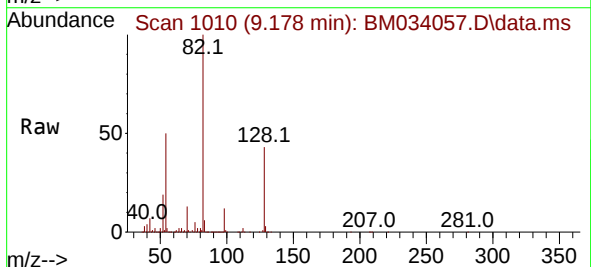
Instrument :
BNA_M
ClientSampleId :
20220086-AMENDED-BERKELEY-6-COMP

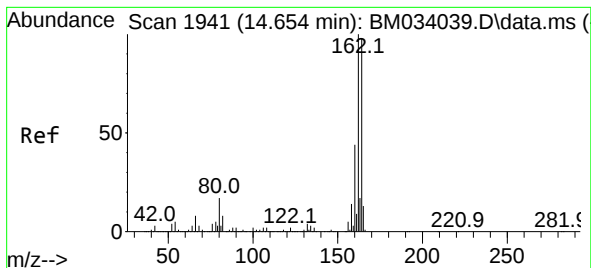
Tgt Ion:136 Resp: 783803
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.7 8.3 12.5#
68 4.7 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 90.589 ng
RT: 9.178 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM034057.D
Acq: 23 Feb 2022 17:52

Tgt Ion: 82 Resp: 1315732
Ion Ratio Lower Upper
82 100
128 42.8 28.1 42.1#
54 50.0 46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.654 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BM034057.D

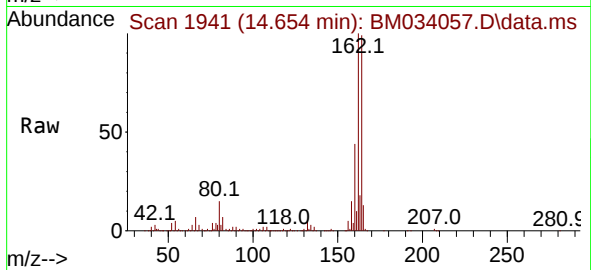
Acq: 23 Feb 2022 17:52

Instrument :

BNA_M

ClientSampleId :

20220086-AMENDED-BERKELEY-6-COMP



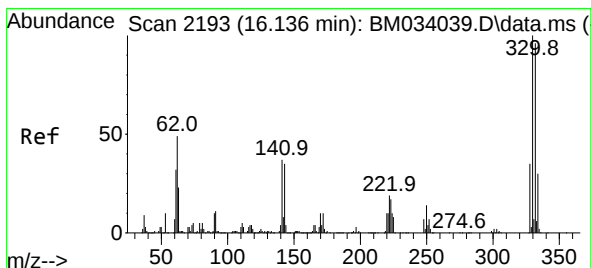
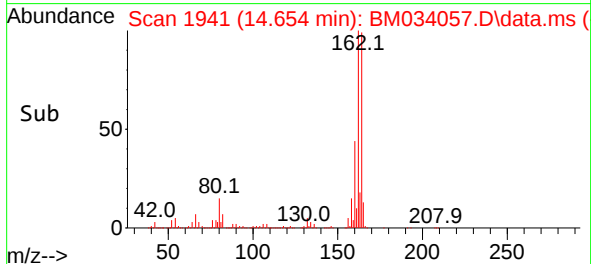
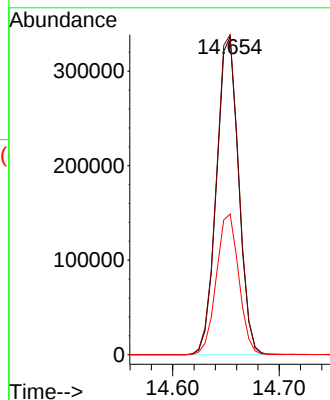
Tgt Ion:164 Resp: 481532

Ion Ratio Lower Upper

164 100

162 100.7 79.7 119.5

160 44.3 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 120.772 ng

RT: 16.130 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BM034057.D

Acq: 23 Feb 2022 17:52

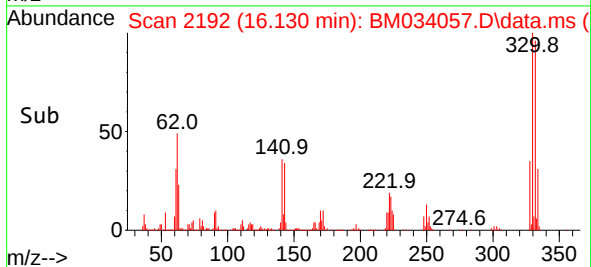
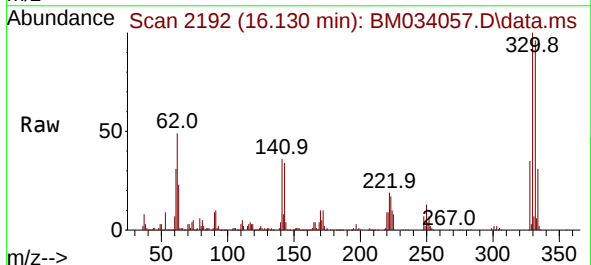
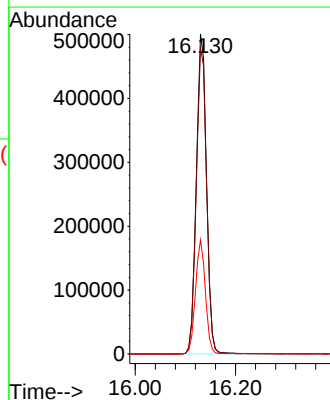
Tgt Ion:330 Resp: 705822

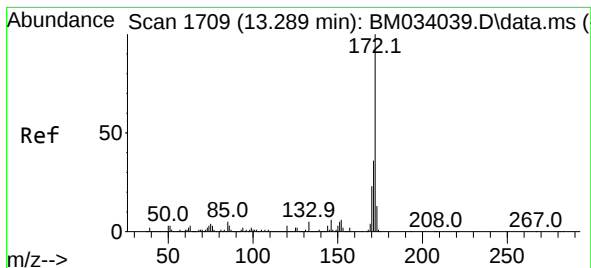
Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

141 34.8 35.9 53.9#





#45

2-Fluorobiphenyl

Concen: 88.609 ng

RT: 13.283 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM034057.D

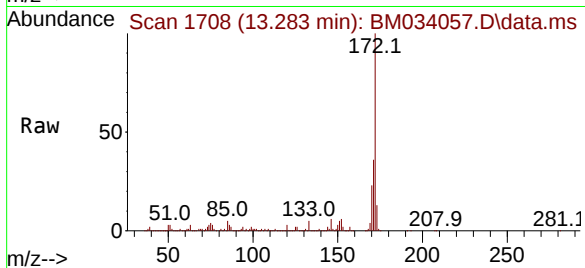
Acq: 23 Feb 2022 17:52

Instrument :

BNA_M

ClientSampleId :

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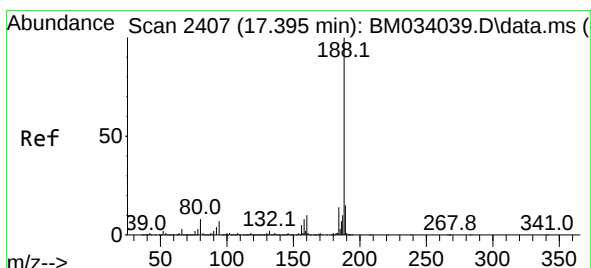
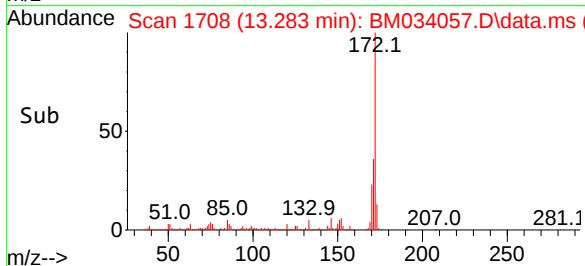
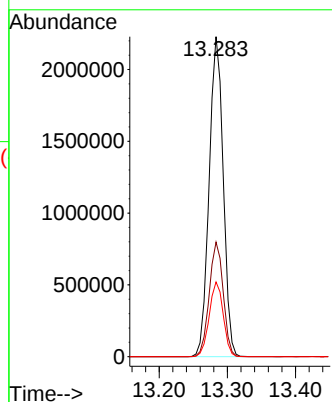
Tgt Ion:172 Resp: 3202597

Ion Ratio Lower Upper

172 100

171 35.8 27.2 40.8

170 23.4 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.389 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM034057.D

Acq: 23 Feb 2022 17:52

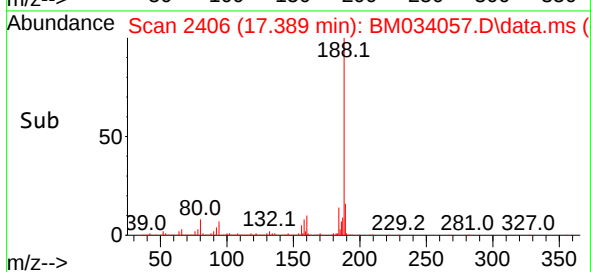
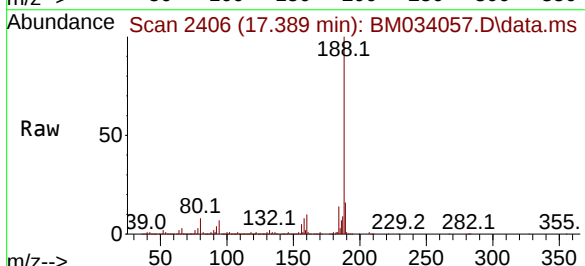
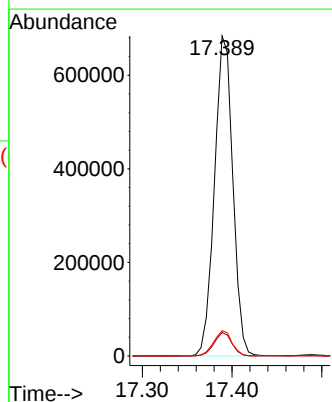
Tgt Ion:188 Resp: 971112

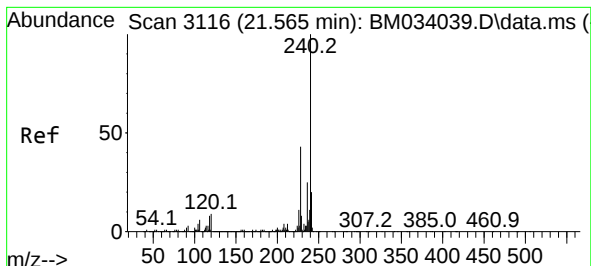
Ion Ratio Lower Upper

188 100

94 7.4 7.5 11.3#

80 7.9 8.9 13.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.565 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BM034057.D

Acq: 23 Feb 2022 17:52

Instrument :

BNA_M

ClientSampleId :

20220086-AMENDED-BERKELEY-6-COMP

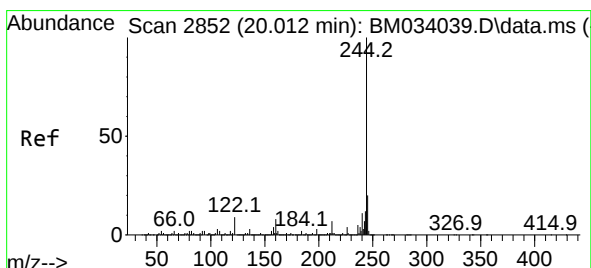
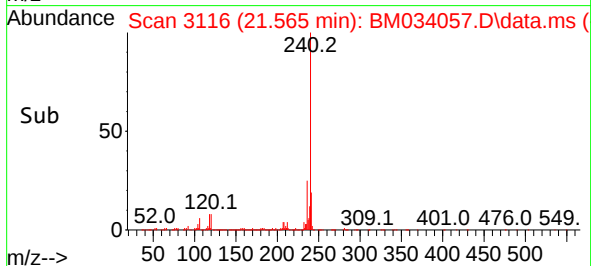
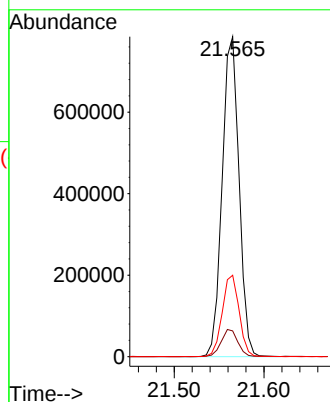
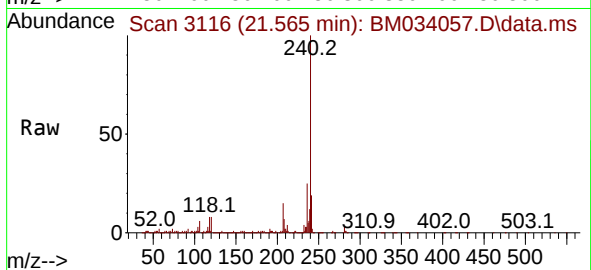
Tgt Ion:240 Resp: 1023768

Ion Ratio Lower Upper

240 100

120 8.0 7.8 11.6

236 25.4 20.3 30.5



#79

Terphenyl-d14

Concen: 75.693 ng

RT: 20.006 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BM034057.D

Acq: 23 Feb 2022 17:52

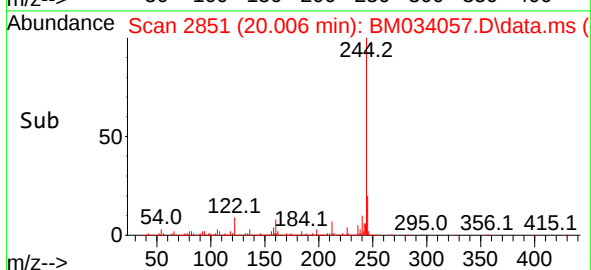
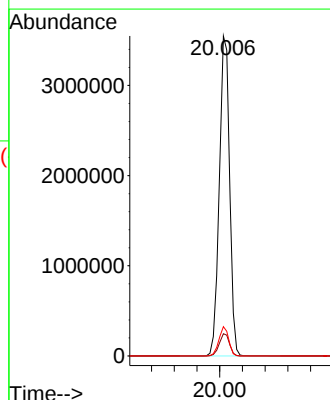
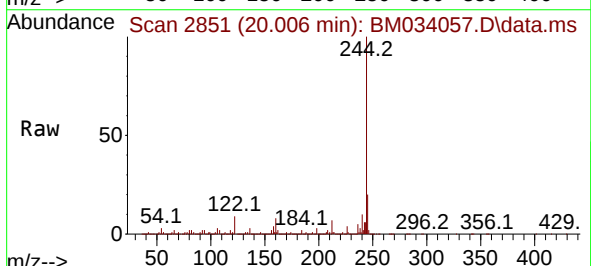
Tgt Ion:244 Resp: 4450140

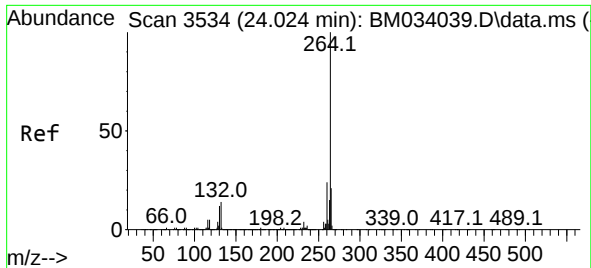
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.2 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.024 min Scan# 31
Delta R.T. -0.000 min
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Tgt Ion:264 Resp: 1161274

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.7	26.5
265	22.4	17.7	26.5

