

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
 Data File : BM034053.D
 Acq On : 23 Feb 2022 15:24
 Operator : CG/JU
 Sample : N1632-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220090-BERKELEY-2-ELUTRIATE

Quant Time: Feb 23 16:57:45 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)

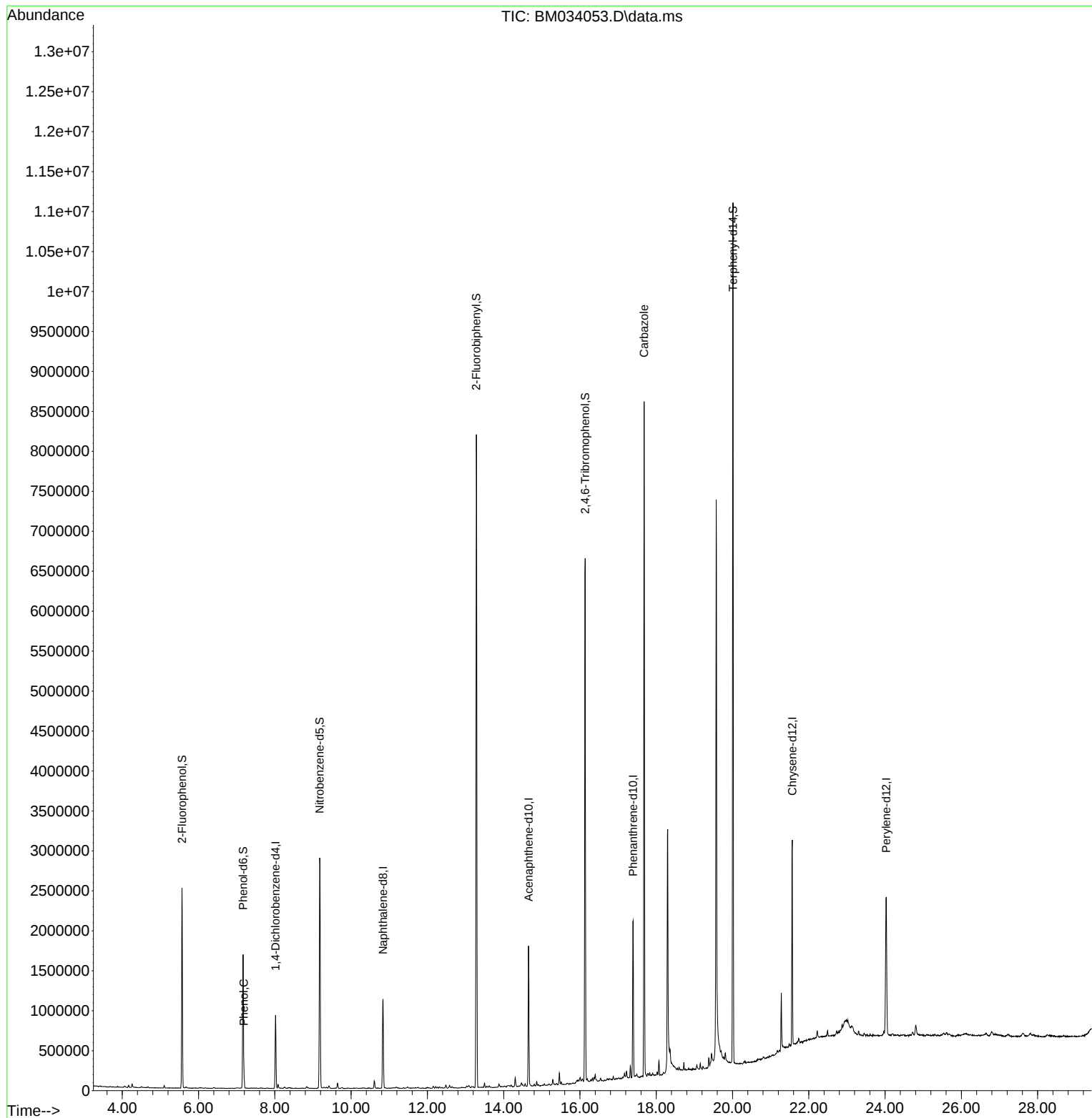
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	248772	20.000	ng	0.00
21) Naphthalene-d8	10.837	136	936112	20.000	ng	# 0.00
39) Acenaphthene-d10	14.654	164	591780	20.000	ng	0.00
64) Phenanthrene-d10	17.395	188	1216251	20.000	ng	# 0.00
76) Chrysene-d12	21.565	240	1270426	20.000	ng	0.00
86) Perylene-d12	24.030	264	1360175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	1009067	72.307	ng	0.00
7) Phenol-d6	7.166	99	878817	47.956	ng	0.00
23) Nitrobenzene-d5	9.178	82	1612665	92.968	ng	0.00
42) 2,4,6-Tribromophenol	16.136	330	1220048	169.869	ng	0.00
45) 2-Fluorobiphenyl	13.283	172	4182711	94.167	ng	0.00
79) Terphenyl-d14	20.012	244	5176818	70.957	ng	0.00
Target Compounds						
10) Phenol	7.190	94	56152	3.115	ng	Qvalue 92
73) Carbazole	17.683	167	155671	2.518	ng	# 60

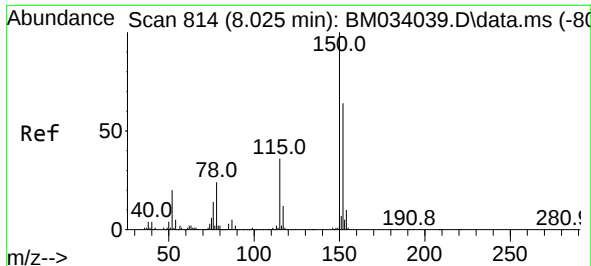
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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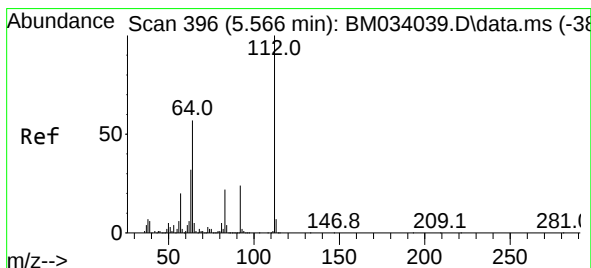
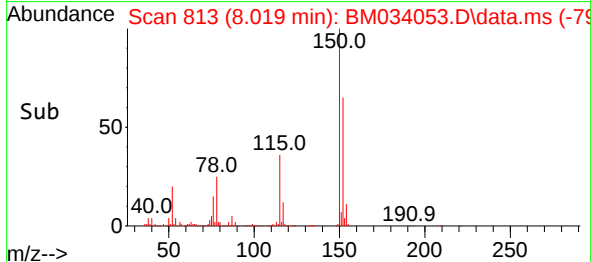
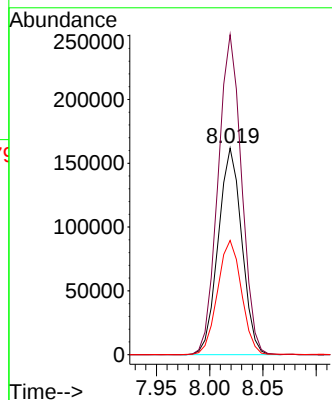
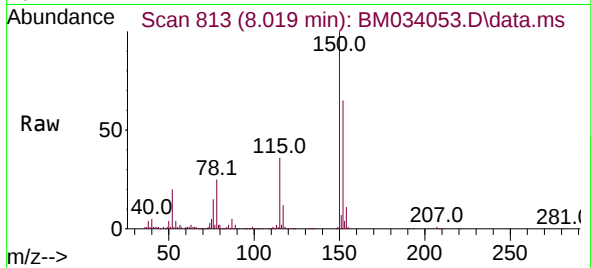




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.019 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM034053.D
Acq: 23 Feb 2022 15:24

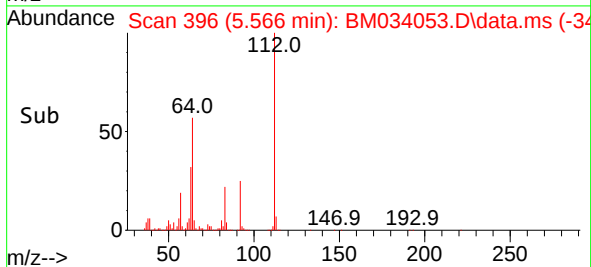
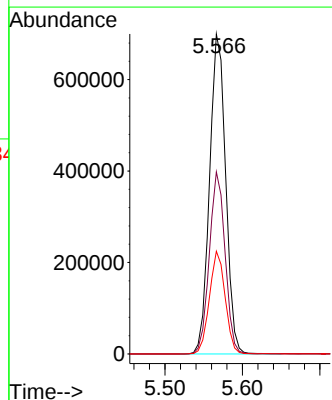
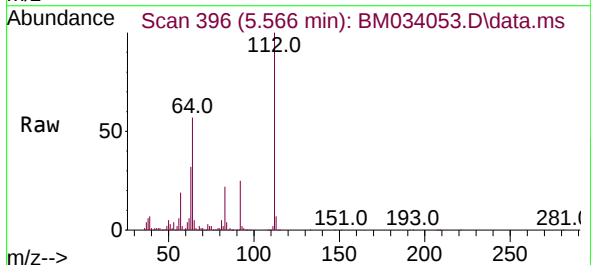
Instrument :
BNA_M
ClientSampleId :
20220090-BERKELEY-2-ELUTRIATE

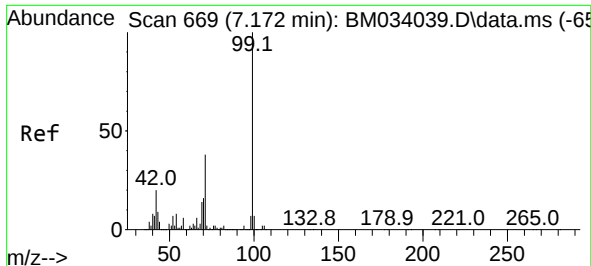
Tgt Ion:152 Resp: 248772
Ion Ratio Lower Upper
152 100
150 154.9 128.9 193.3
115 55.3 53.0 79.6



#5
2-Fluorophenol
Concen: 72.307 ng
RT: 5.566 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM034053.D
Acq: 23 Feb 2022 15:24

Tgt Ion:112 Resp: 1009067
Ion Ratio Lower Upper
112 100
64 56.9 55.5 83.3
63 32.1 31.3 46.9

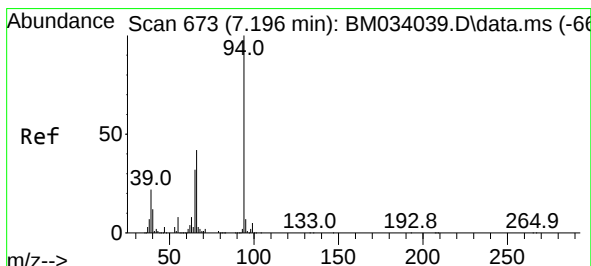
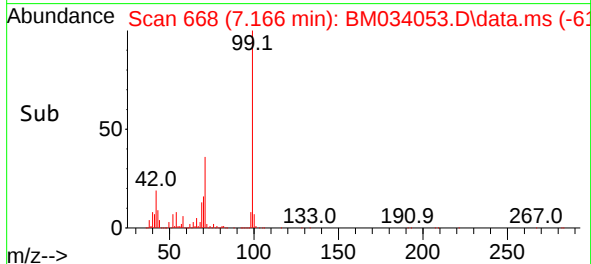
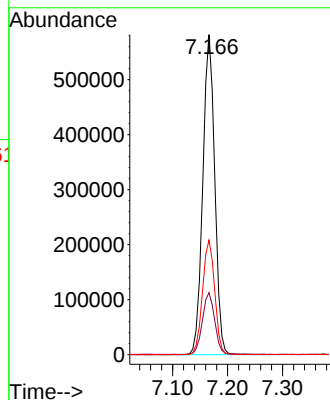
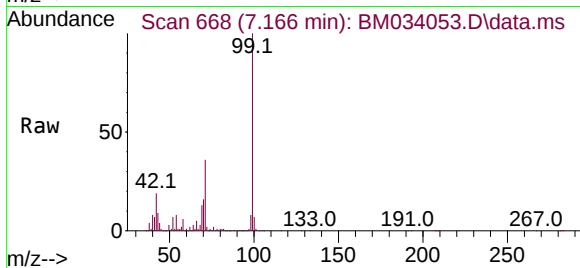




#7
Phenol-d6
Concen: 47.956 ng
RT: 7.166 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM034053.D
Acq: 23 Feb 2022 15:24

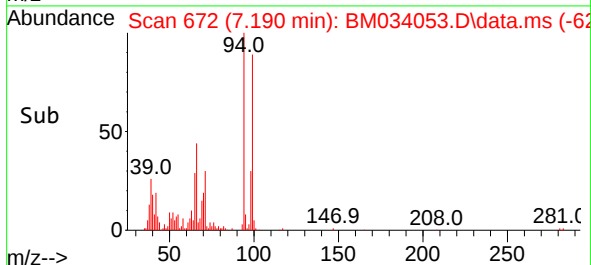
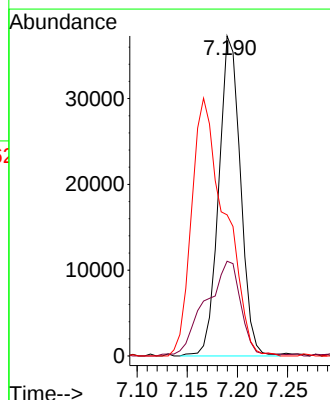
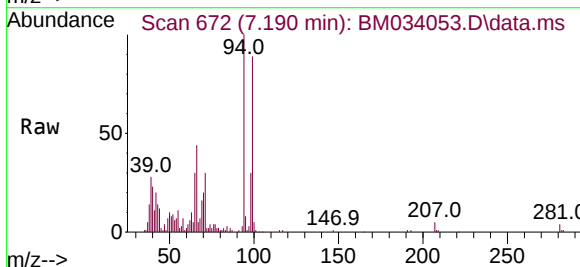
Instrument :
BNA_M
ClientSampleId :
20220090-BERKELEY-2-ELUTRIATE

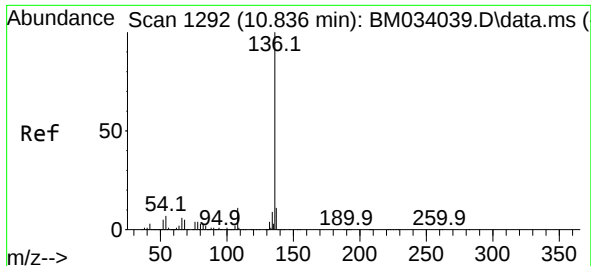
Tgt Ion: 99 Resp: 878817
Ion Ratio Lower Upper
99 100
42 19.4 20.3 30.5#
71 35.8 34.5 51.7



#10
Phenol
Concen: 3.115 ng
RT: 7.190 min Scan# 672
Delta R.T. -0.006 min
Lab File: BM034053.D
Acq: 23 Feb 2022 15:24

Tgt Ion: 94 Resp: 56152
Ion Ratio Lower Upper
94 100
65 29.6 15.5 55.5
66 44.1 28.5 68.5

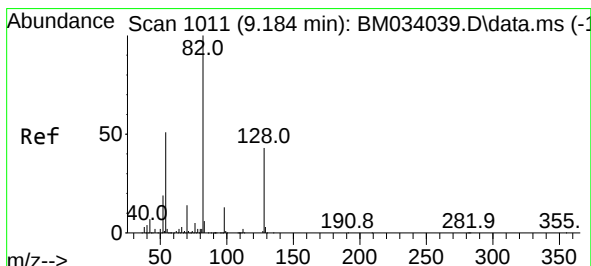
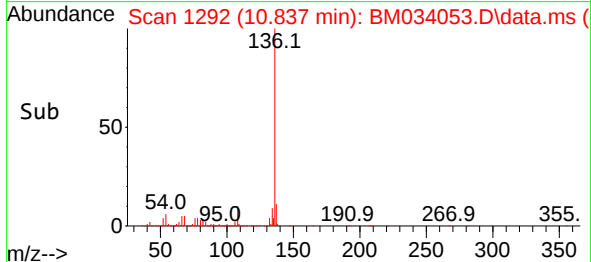
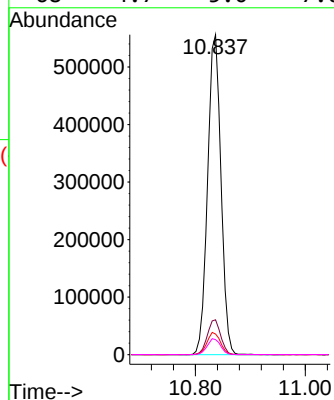
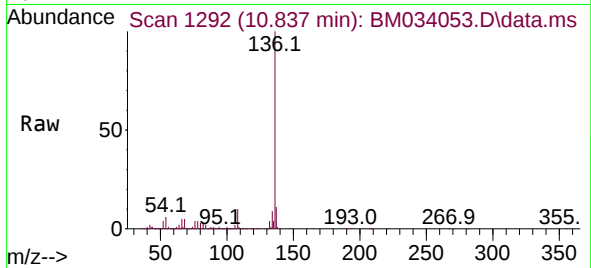




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.837 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM034053.D
Acq: 23 Feb 2022 15:24

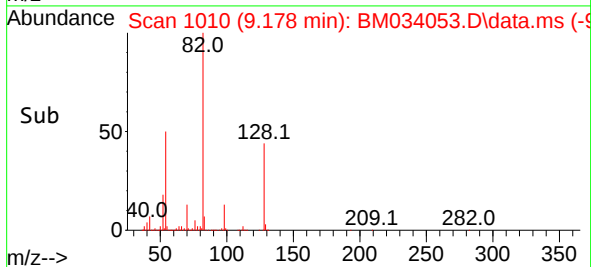
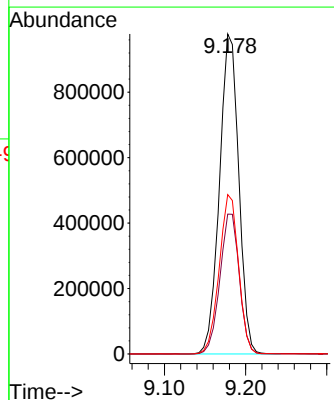
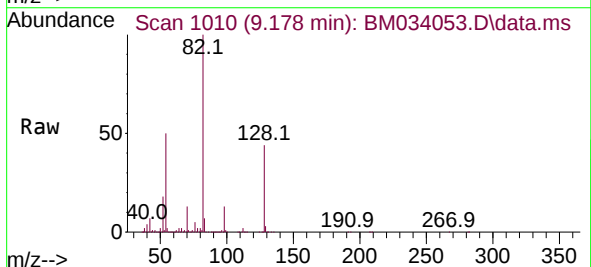
Instrument :
BNA_M
ClientSampleId :
20220090-BERKELEY-2-ELUTRIATE

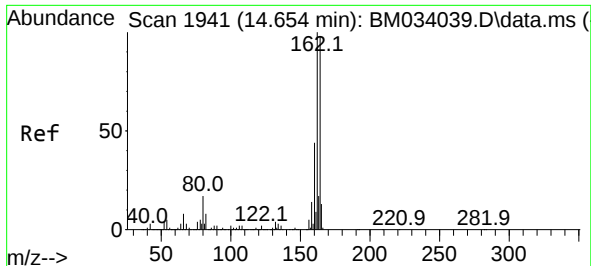
Tgt Ion:136 Resp: 936112
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.5 8.3 12.5#
68 4.7 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 92.968 ng
RT: 9.178 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM034053.D
Acq: 23 Feb 2022 15:24

Tgt Ion: 82 Resp: 1612665
Ion Ratio Lower Upper
82 100
128 43.7 28.1 42.1#
54 49.8 46.1 69.1

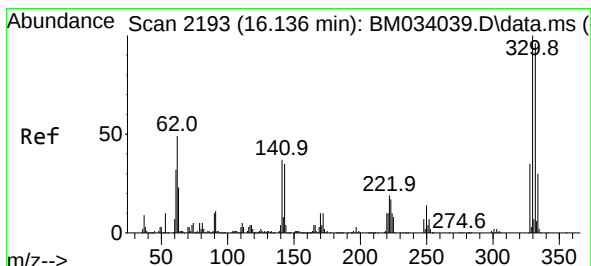
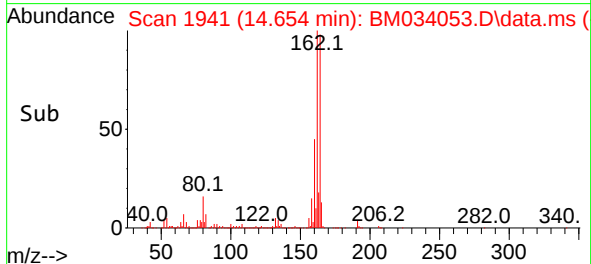
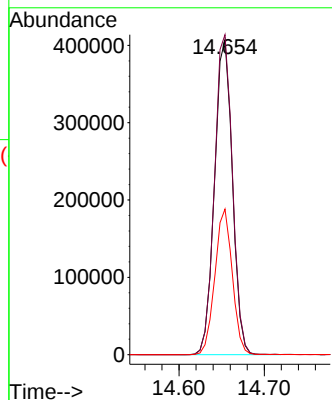
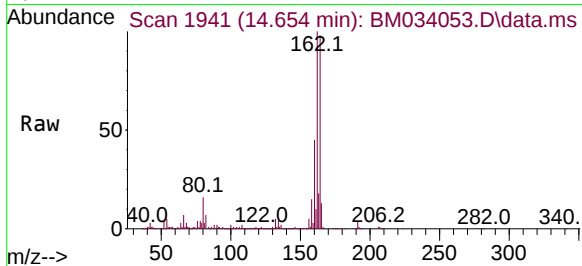




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.654 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM034053.D
Acq: 23 Feb 2022 15:24

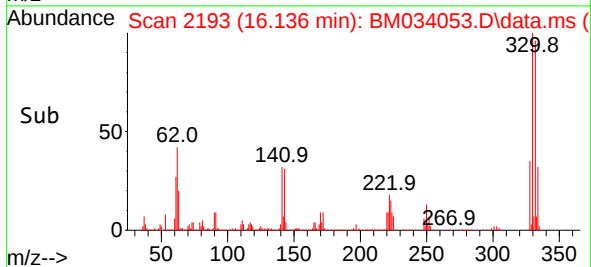
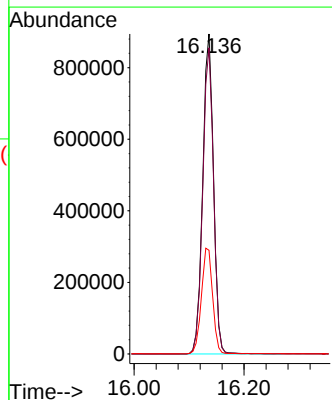
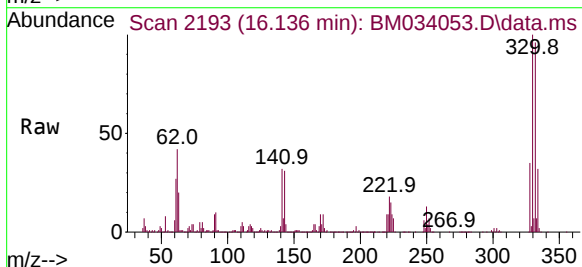
Instrument :
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ClientSampleId :
20220090-BERKELEY-2-ELUTRIATE

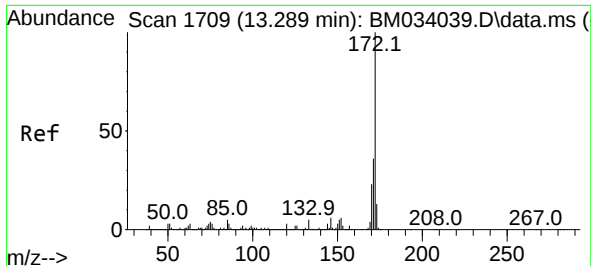
Tgt Ion:164 Resp: 591780
Ion Ratio Lower Upper
164 100
162 101.6 79.7 119.5
160 46.2 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 169.869 ng
RT: 16.136 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BM034053.D
Acq: 23 Feb 2022 15:24

Tgt Ion:330 Resp: 1220048
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 34.3 35.9 53.9#

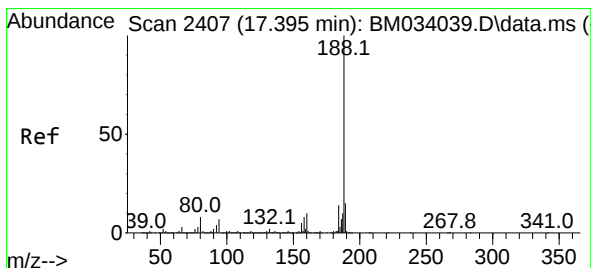
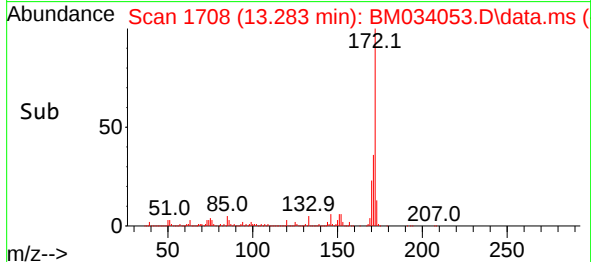
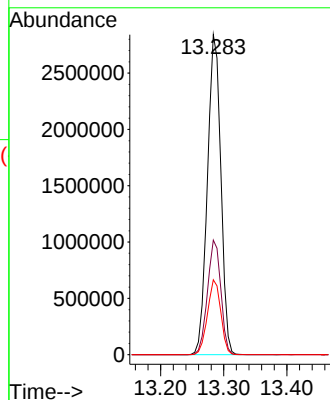
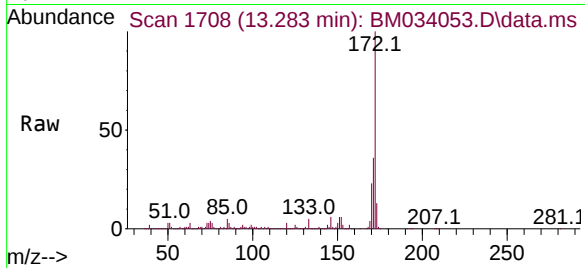




#45
2-Fluorobiphenyl
Concen: 94.167 ng
RT: 13.283 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034053.D
Acq: 23 Feb 2022 15:24

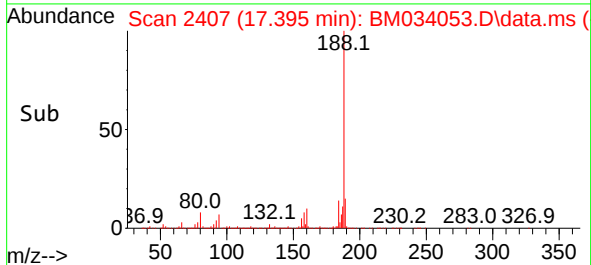
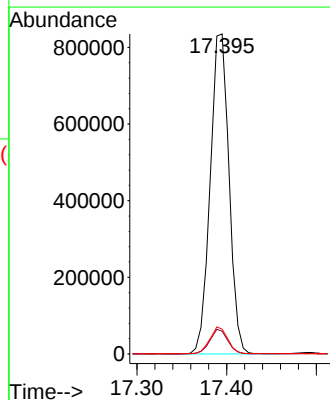
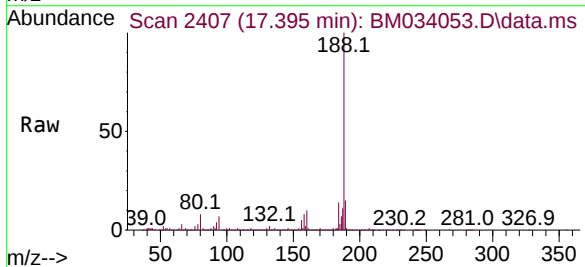
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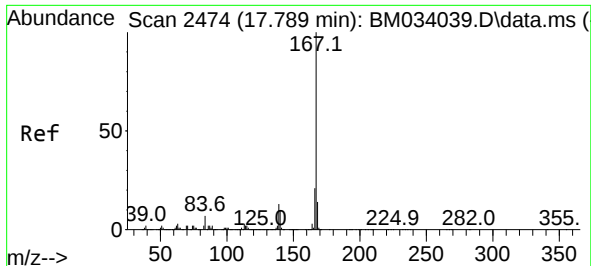
Tgt Ion:172 Resp: 4182711
Ion Ratio Lower Upper
172 100
171 35.8 27.2 40.8
170 23.4 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.395 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BM034053.D
Acq: 23 Feb 2022 15:24

Tgt Ion:188 Resp: 1216251
Ion Ratio Lower Upper
188 100
94 7.1 7.5 11.3#
80 7.8 8.9 13.3#

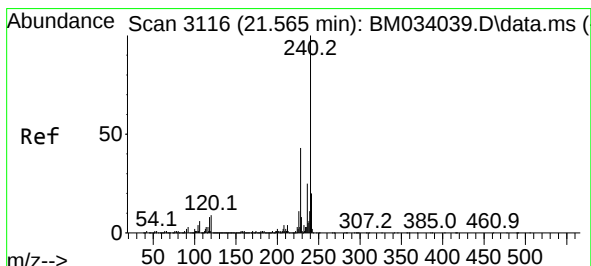
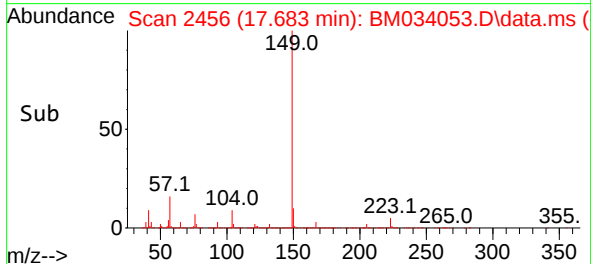
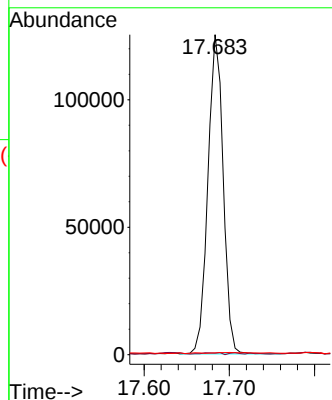
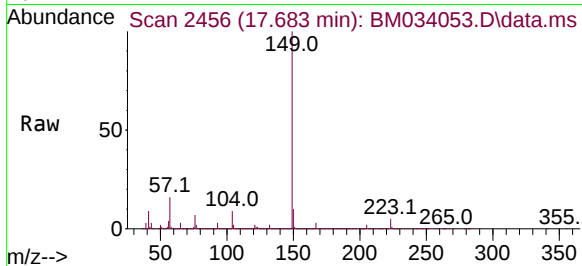




#73
 Carbazole
 Concen: 2.518 ng
 RT: 17.683 min Scan# 2474
 Delta R.T. -0.106 min
 Lab File: BM034053.D
 Acq: 23 Feb 2022 15:24

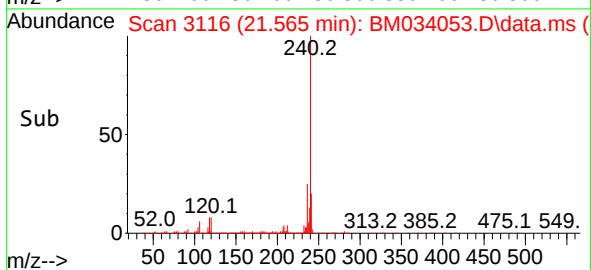
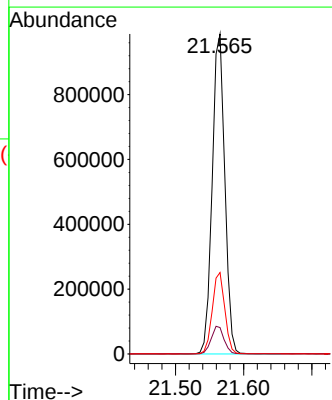
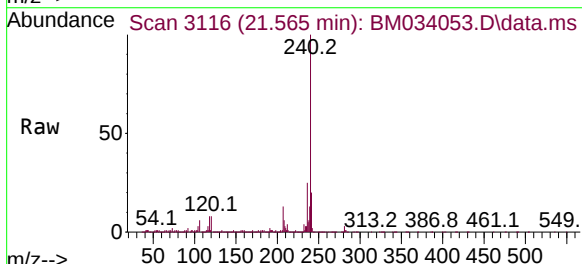
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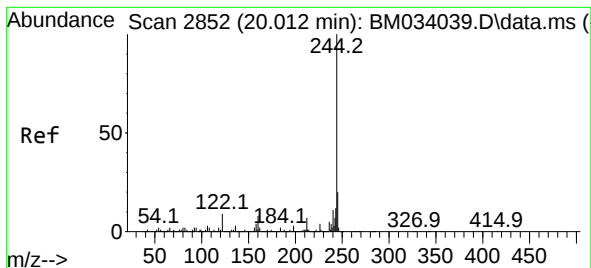
Tgt Ion:167 Resp: 155671
 Ion Ratio Lower Upper
 167 100
 166 0.5 17.2 25.8#
 139 0.6 11.0 16.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.565 min Scan# 3116
 Delta R.T. 0.000 min
 Lab File: BM034053.D
 Acq: 23 Feb 2022 15:24

Tgt Ion:240 Resp: 1270426
 Ion Ratio Lower Upper
 240 100
 120 8.3 7.8 11.6
 236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 70.957 ng

RT: 20.012 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM034053.D

Acq: 23 Feb 2022 15:24

Instrument :

BNA_M

ClientSampleId :

20220090-BERKELEY-2-ELUTRIATE

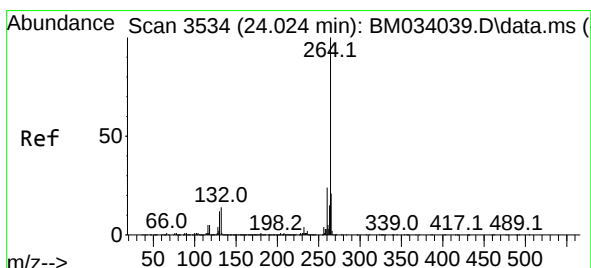
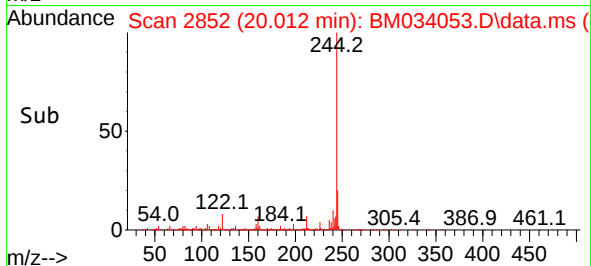
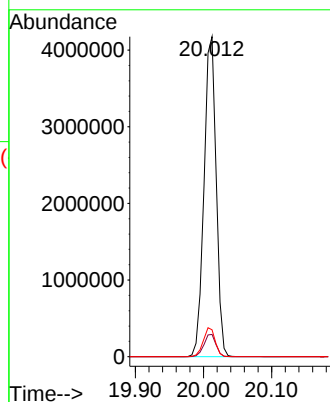
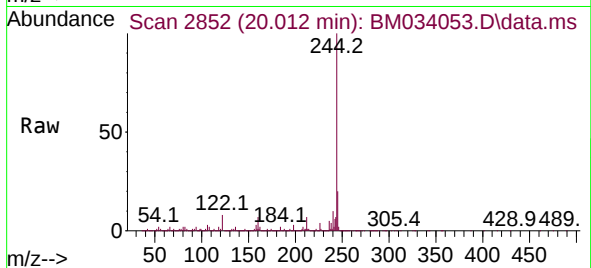
Tgt Ion:244 Resp: 5176818

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.4 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.030 min Scan# 3535

Delta R.T. 0.006 min

Lab File: BM034053.D

Acq: 23 Feb 2022 15:24

Tgt Ion:264 Resp: 1360175

Ion Ratio Lower Upper

264 100

260 23.6 17.7 26.5

265 22.2 17.7 26.5

