

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
 Data File : BM034061.D
 Acq On : 23 Feb 2022 20:18
 Operator : CG/JU
 Sample : N1627-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220092A-BERKELEY-4A-ELUTRIATE

Quant Time: Feb 24 04:51:38 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	196076	20.000	ng	0.00
21) Naphthalene-d8	10.831	136	726805	20.000	ng	# 0.00
39) Acenaphthene-d10	14.648	164	460778	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	965848	20.000	ng	# 0.00
76) Chrysene-d12	21.559	240	1021286	20.000	ng	0.00
86) Perylene-d12	24.018	264	1059191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	532780	48.438	ng	0.00
7) Phenol-d6	7.160	99	462598	32.028	ng	-0.01
23) Nitrobenzene-d5	9.178	82	907716	67.398	ng	0.00
42) 2,4,6-Tribromophenol	16.130	330	807871	144.460	ng	0.00
45) 2-Fluorobiphenyl	13.283	172	2538303	73.393	ng	0.00
79) Terphenyl-d14	20.006	244	3581518	61.066	ng	0.00

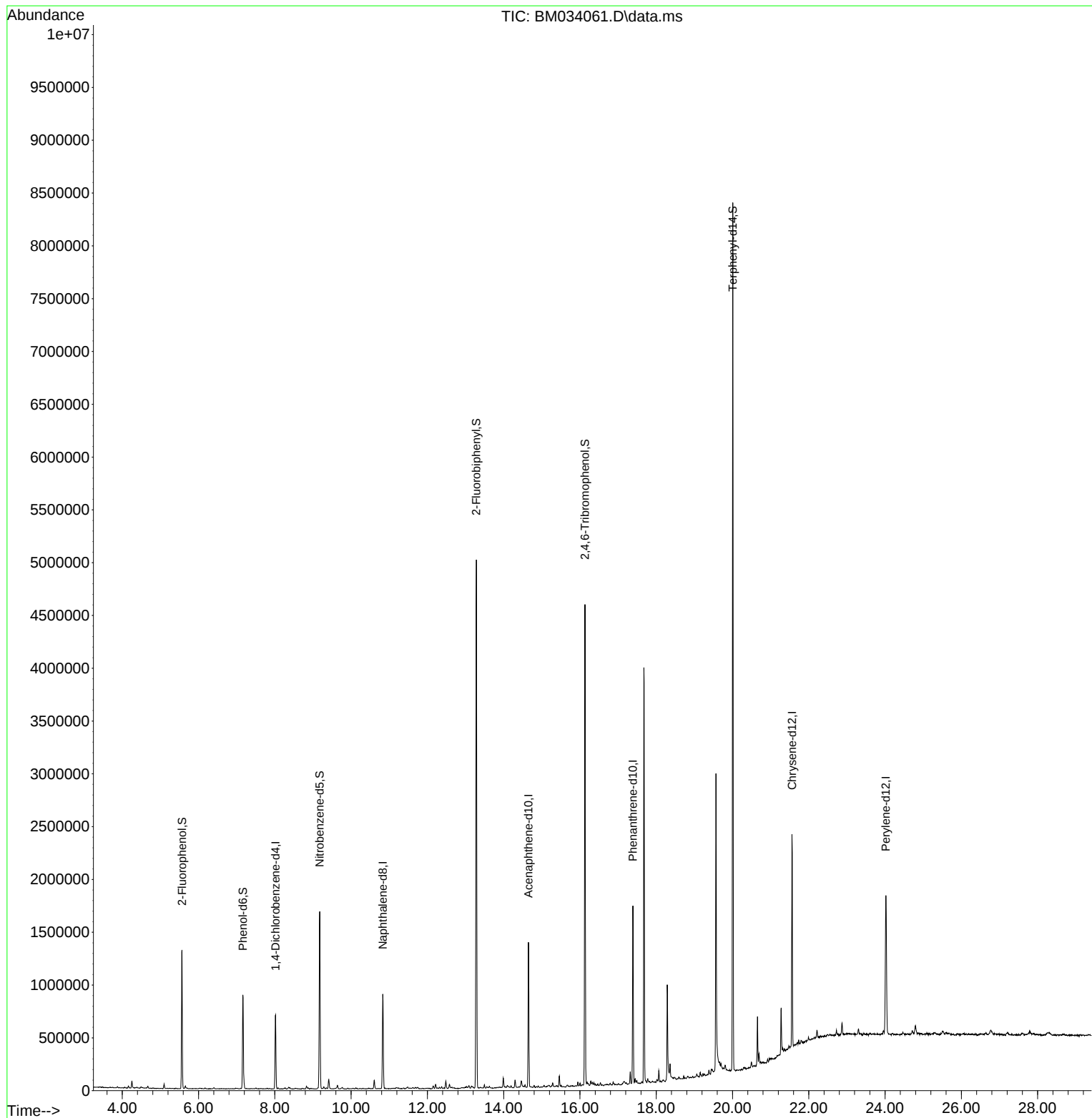
Target Compounds	Qvalue

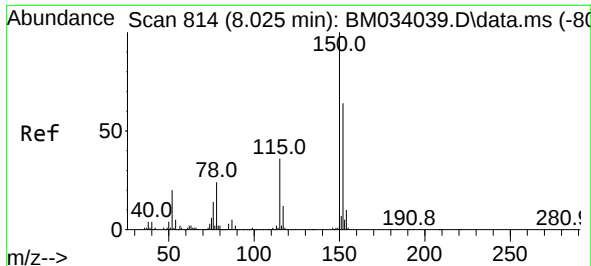
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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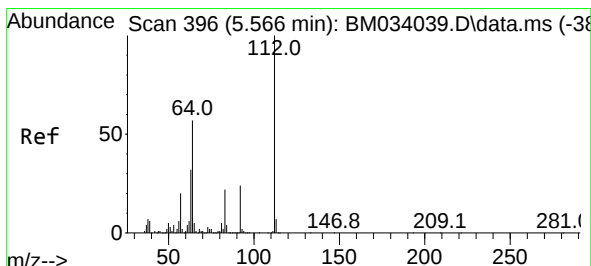
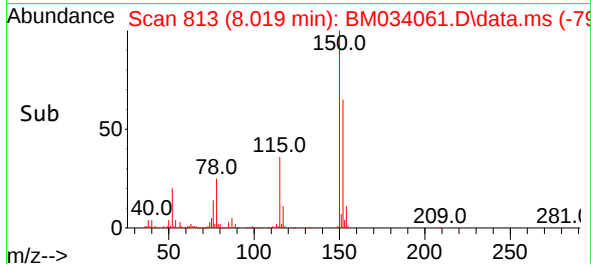
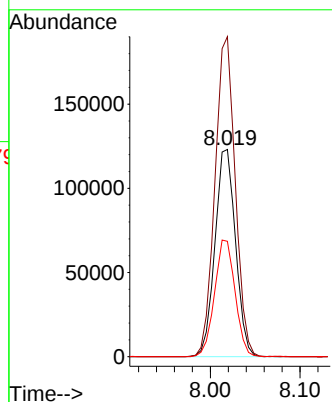
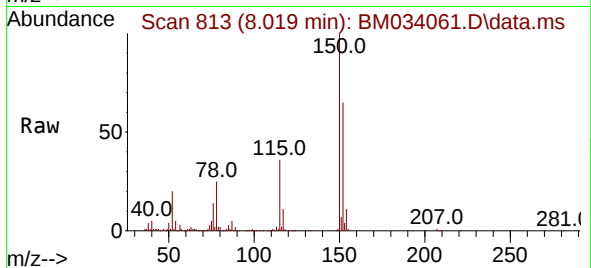




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.019 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM034061.D
Acq: 23 Feb 2022 20:18

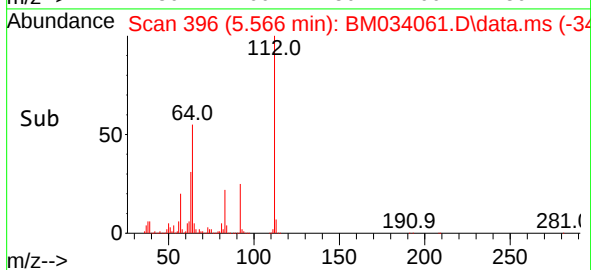
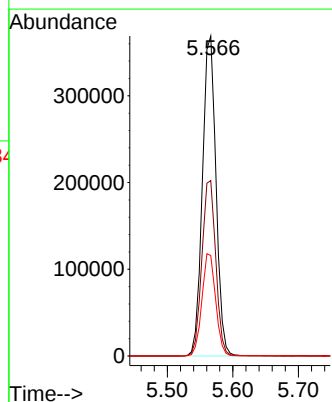
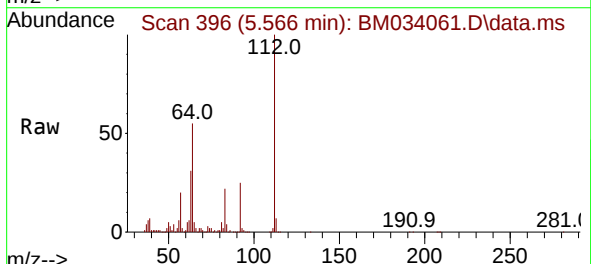
Instrument :
BNA_M
ClientSampleId :
20220092A-BERKELEY-4A-ELUTRIATE

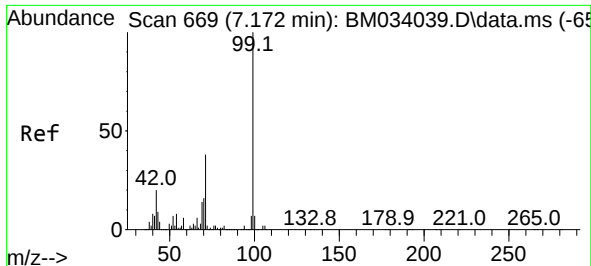
Tgt Ion:152 Resp: 196076
Ion Ratio Lower Upper
152 100
150 154.4 128.9 193.3
115 55.7 53.0 79.6



#5
2-Fluorophenol
Concen: 48.438 ng
RT: 5.566 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM034061.D
Acq: 23 Feb 2022 20:18

Tgt Ion:112 Resp: 532780
Ion Ratio Lower Upper
112 100
64 54.8 55.5 83.3#
63 31.4 31.3 46.9

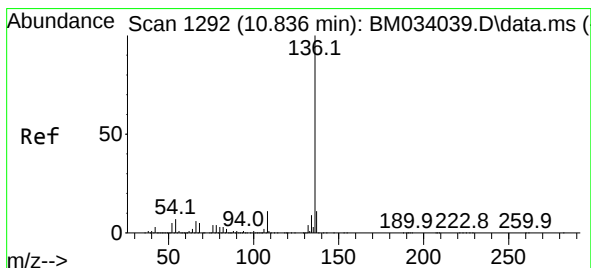
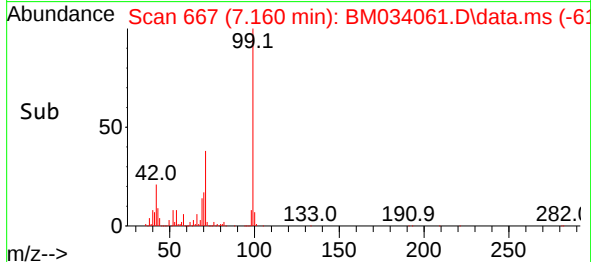
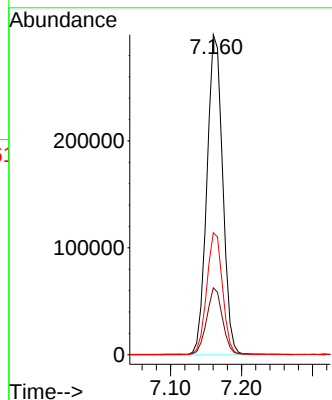
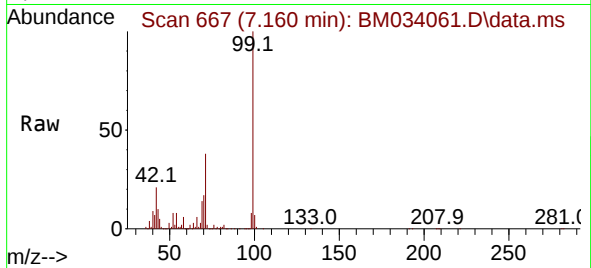




#7
Phenol-d6
Concen: 32.028 ng
RT: 7.160 min Scan# 667
Delta R.T. -0.012 min
Lab File: BM034061.D
Acq: 23 Feb 2022 20:18

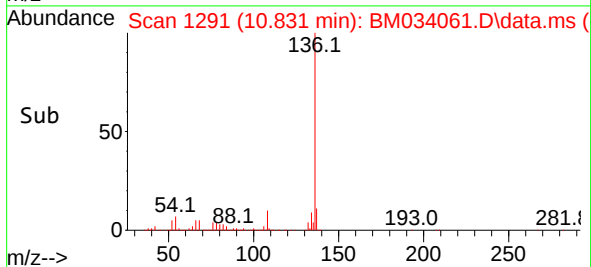
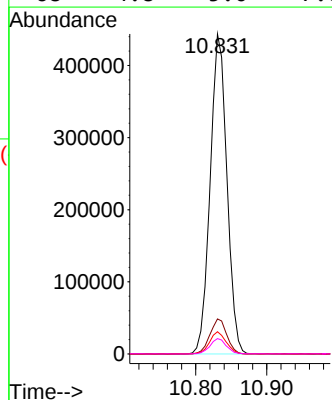
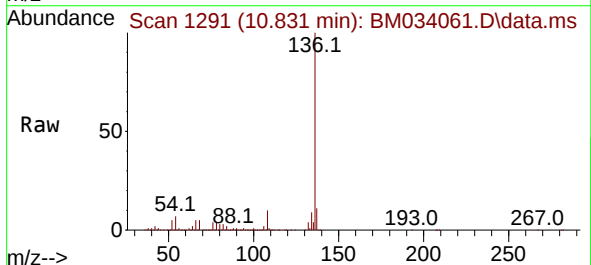
Instrument :
BNA_M
ClientSampleId :
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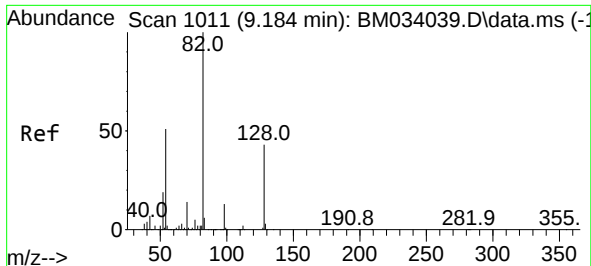
Tgt Ion: 99 Resp: 462598
Ion Ratio Lower Upper
99 100
42 20.9 20.3 30.5
71 38.1 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.831 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM034061.D
Acq: 23 Feb 2022 20:18

Tgt Ion: 136 Resp: 726805
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.9 8.3 12.5#
68 4.8 5.0 7.6#

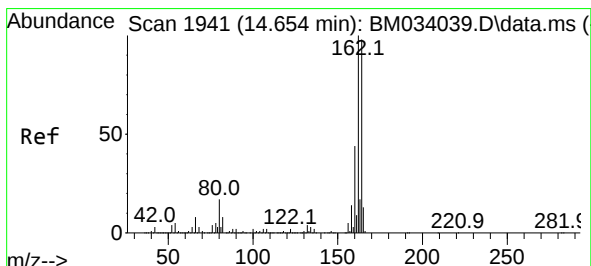
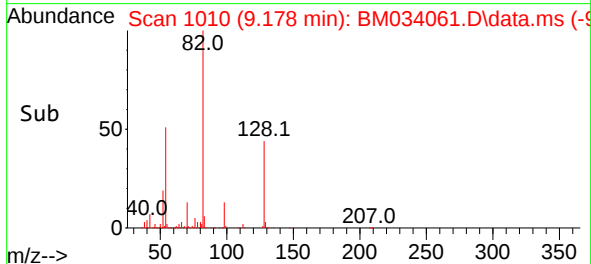
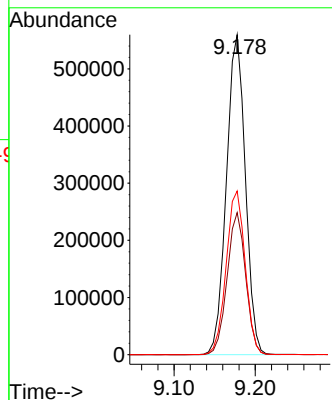
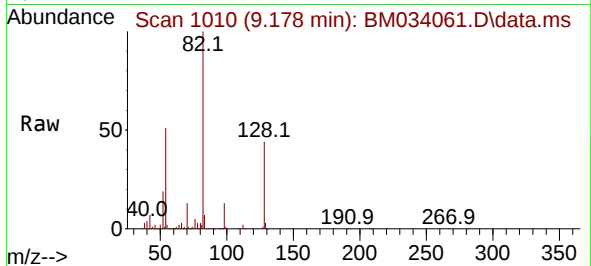




#23
Nitrobenzene-d5
Concen: 67.398 ng
RT: 9.178 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM034061.D
Acq: 23 Feb 2022 20:18

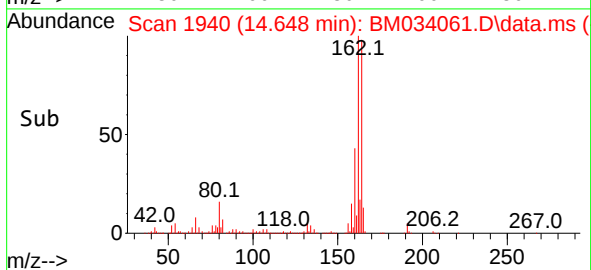
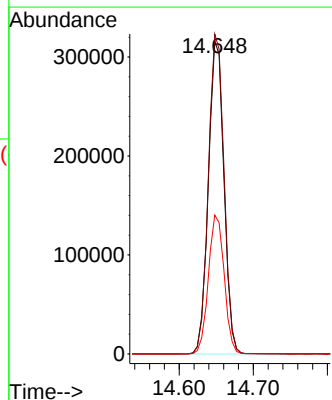
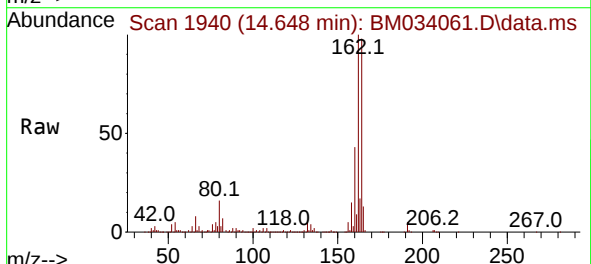
Instrument :
BNA_M
ClientSampleId :
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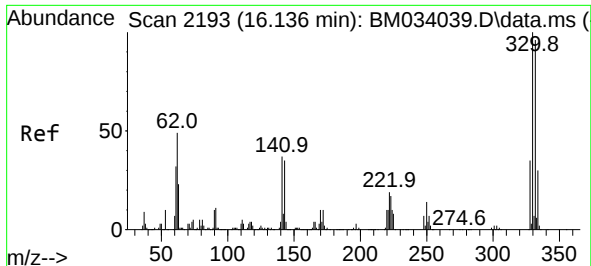
Tgt Ion: 82 Resp: 907716
Ion Ratio Lower Upper
82 100
128 44.4 28.1 42.1#
54 51.2 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM034061.D
Acq: 23 Feb 2022 20:18

Tgt Ion:164 Resp: 460778
Ion Ratio Lower Upper
164 100
162 102.3 79.7 119.5
160 44.4 34.2 51.4

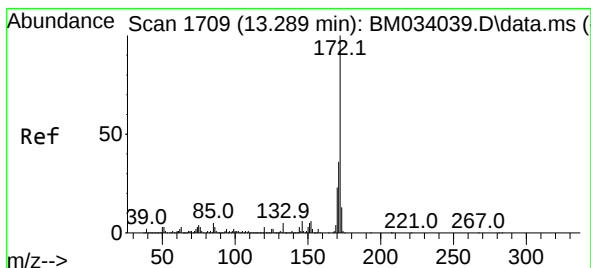
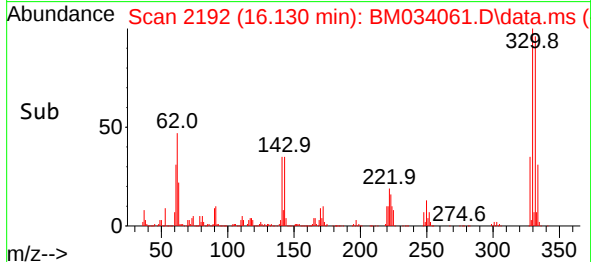
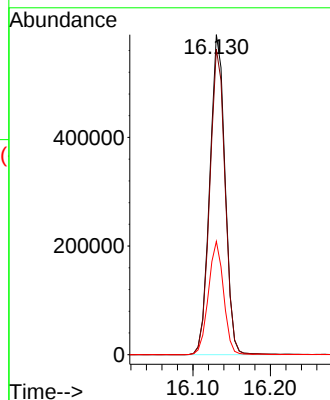
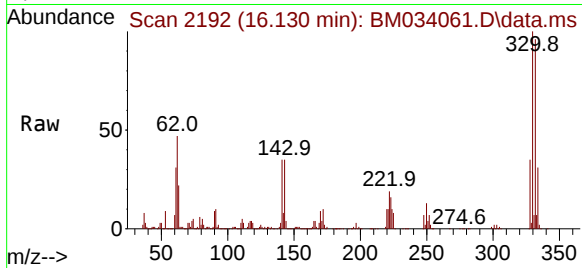




#42
2,4,6-Tribromophenol
Concen: 144.460 ng
RT: 16.130 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM034061.D
Acq: 23 Feb 2022 20:18

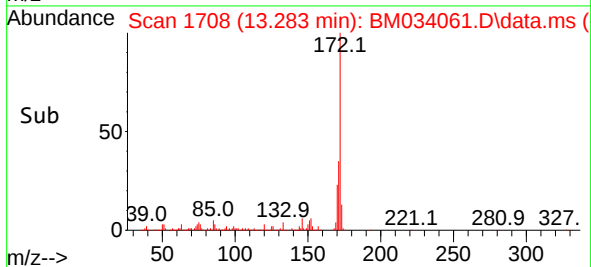
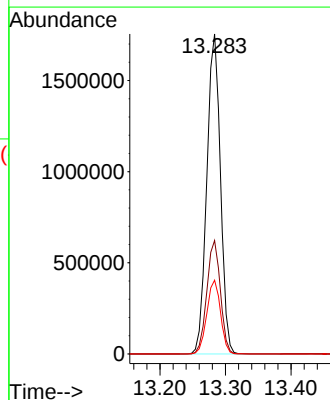
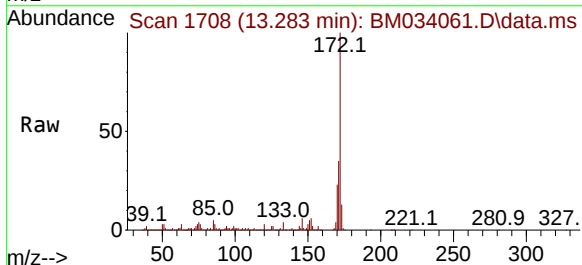
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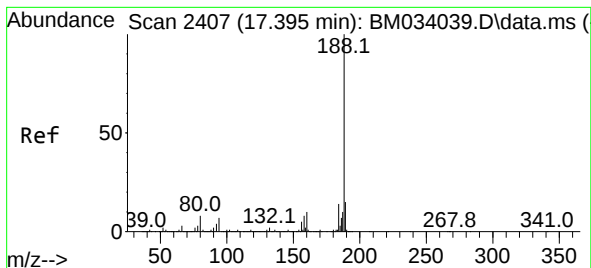
Tgt Ion:330 Resp: 807871
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 35.0 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 73.393 ng
RT: 13.283 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM034061.D
Acq: 23 Feb 2022 20:18

Tgt Ion:172 Resp: 2538303
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 23.0 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: BM034061.D

Acq: 23 Feb 2022 20:18

Instrument :

BNA_M

ClientSampleId :

20220092A-BERKELEY-4A-ELUTRIATE

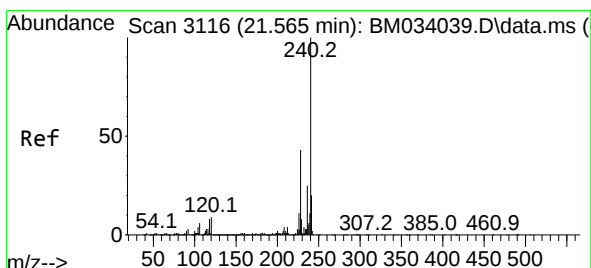
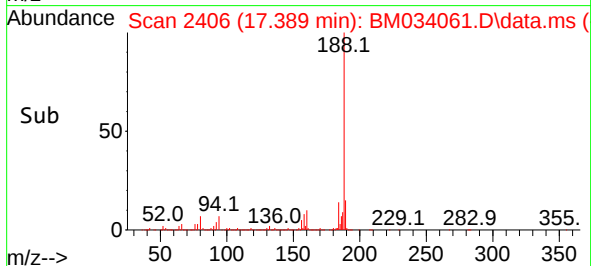
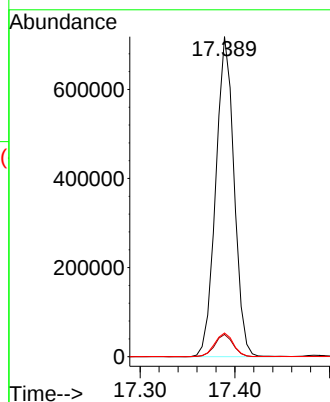
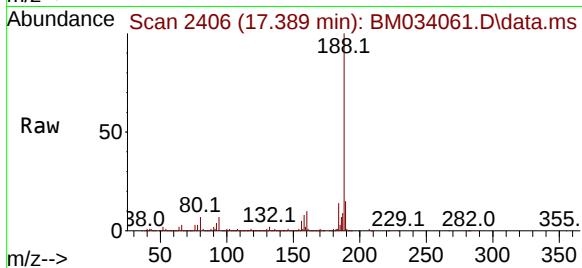
Tgt Ion:188 Resp: 965848

Ion Ratio Lower Upper

188 100

94 7.0 7.5 11.3#

80 7.4 8.9 13.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.559 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM034061.D

Acq: 23 Feb 2022 20:18

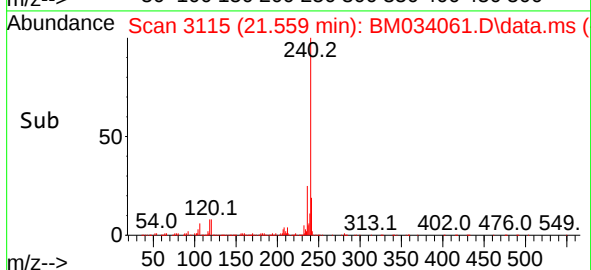
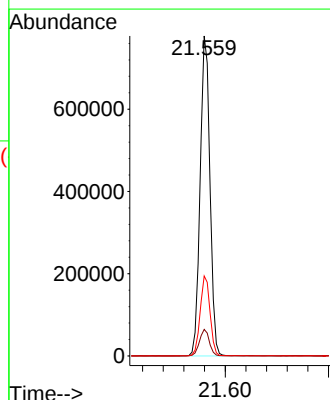
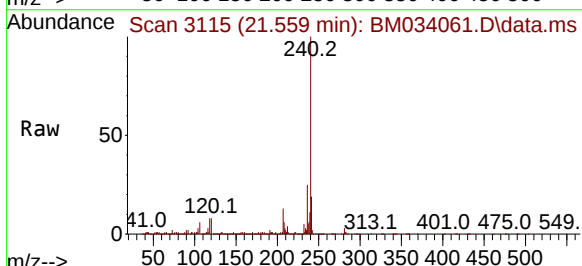
Tgt Ion:240 Resp: 1021286

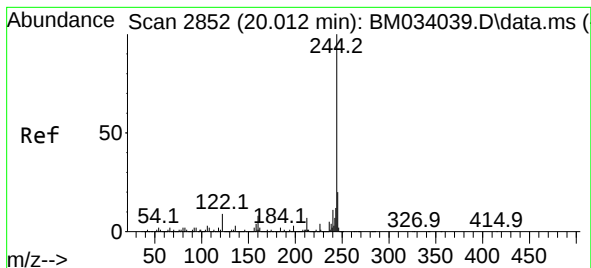
Ion Ratio Lower Upper

240 100

120 8.3 7.8 11.6

236 25.0 20.3 30.5





#79

Terphenyl-d14

Concen: 61.066 ng

RT: 20.006 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM034061.D

Acq: 23 Feb 2022 20:18

Instrument :

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20220092A-BERKELEY-4A-ELUTRIATE

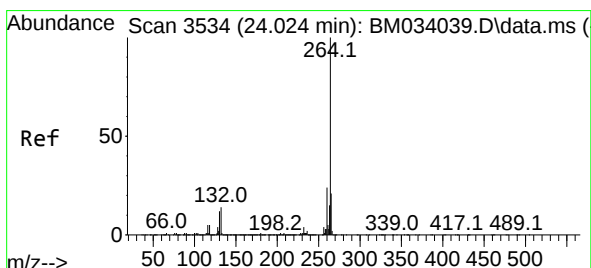
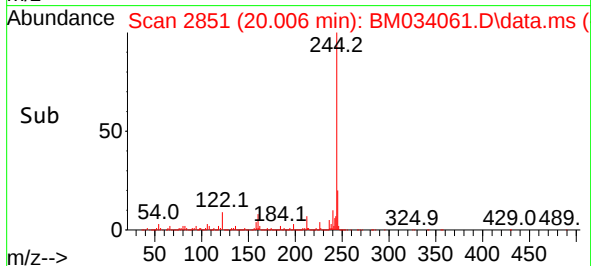
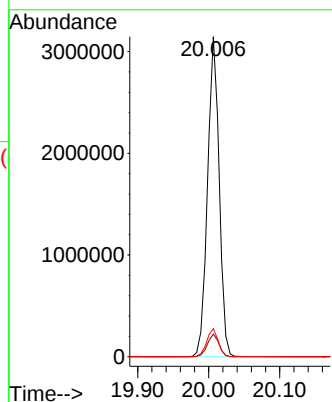
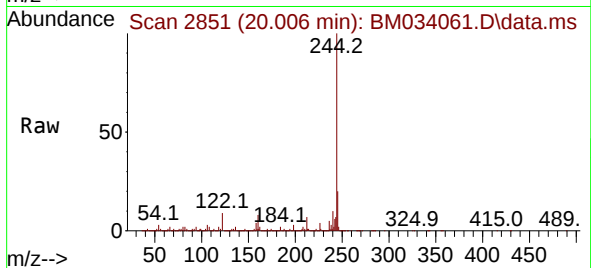
Tgt Ion:244 Resp: 3581518

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 8.7 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.018 min Scan# 3533

Delta R.T. -0.006 min

Lab File: BM034061.D

Acq: 23 Feb 2022 20:18

Tgt Ion:264 Resp: 1059191

Ion Ratio Lower Upper

264 100

260 23.5 17.7 26.5

265 21.9 17.7 26.5

