

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
 Data File : BM034052.D
 Acq On : 23 Feb 2022 14:48
 Operator : CG/JU
 Sample : N1633-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220104-MR-7-(DISCRETE)

Quant Time: Feb 23 15:27:20 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	248073	20.000	ng	0.00
21) Naphthalene-d8	10.837	136	921556	20.000	ng	# 0.00
39) Acenaphthene-d10	14.654	164	556882	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	1107493	20.000	ng	# 0.00
76) Chrysene-d12	21.559	240	1121370	20.000	ng	0.00
86) Perylene-d12	24.024	264	1200824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	2266656	162.879	ng	0.00
7) Phenol-d6	7.172	99	2726688	149.211	ng	0.00
23) Nitrobenzene-d5	9.184	82	1770925	103.703	ng	0.00
42) 2,4,6-Tribromophenol	16.136	330	1137571	168.311	ng	0.00
45) 2-Fluorobiphenyl	13.283	172	4441950	106.270	ng	0.00
79) Terphenyl-d14	20.012	244	6551287	101.733	ng	0.00

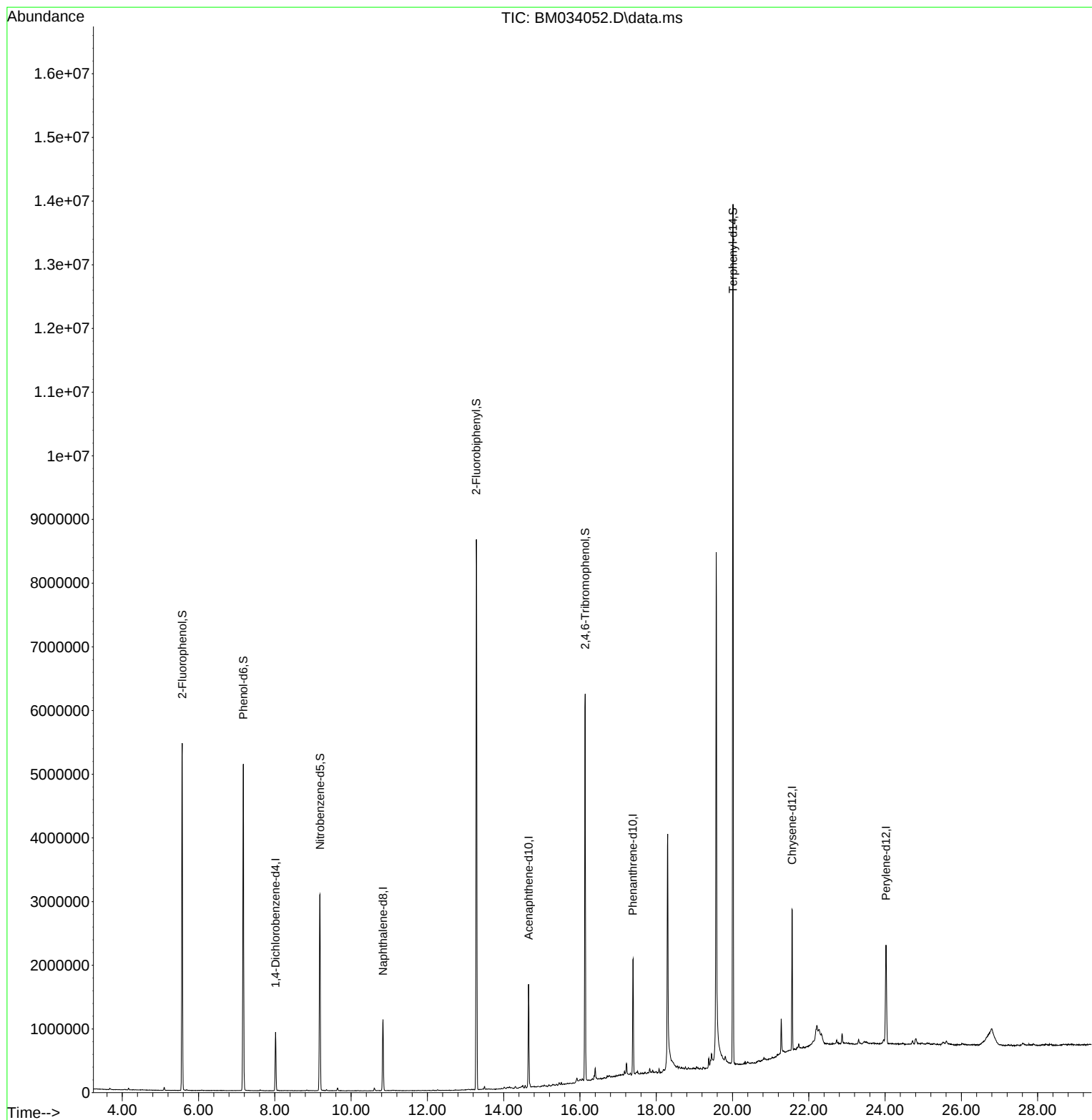
Target Compounds	Qvalue

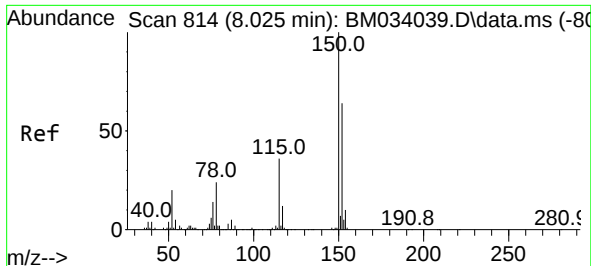
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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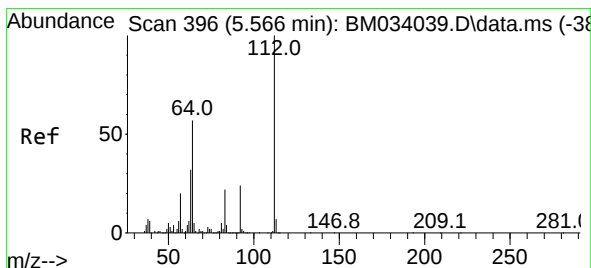
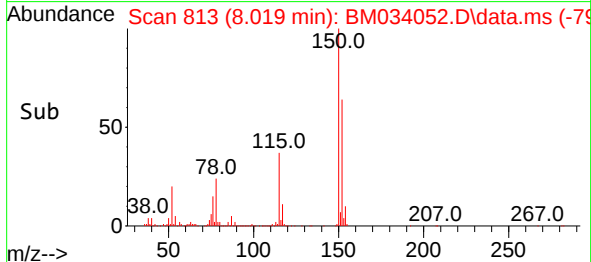
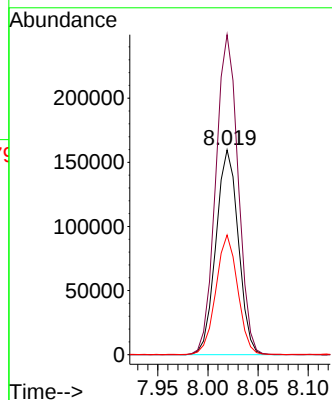
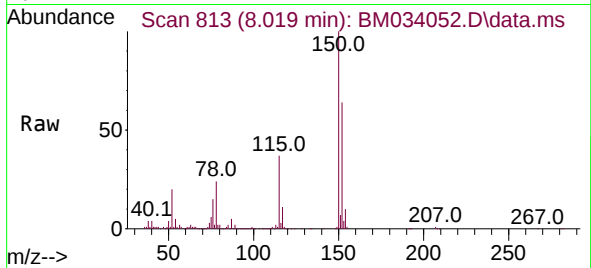




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.019 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM034052.D
Acq: 23 Feb 2022 14:48

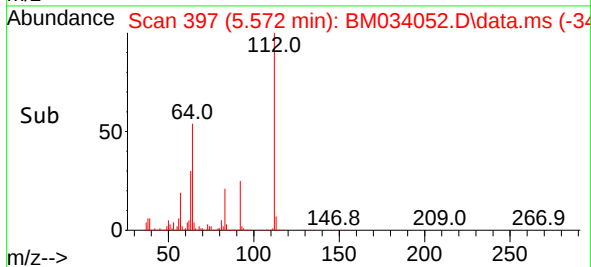
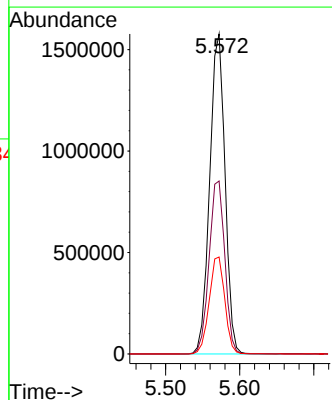
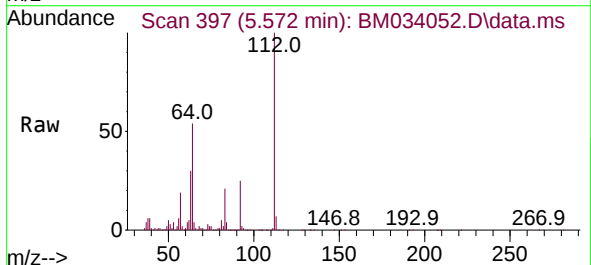
Instrument :
BNA_M
ClientSampleId :
20220104-MR-7-(DISCRETE)

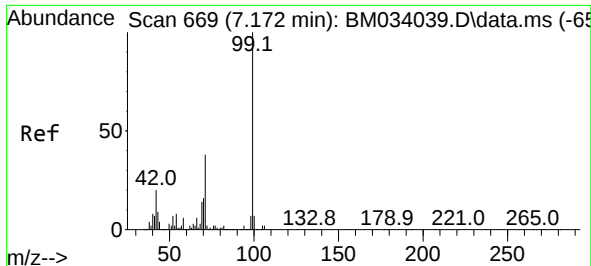
Tgt Ion:152 Resp: 248073
Ion Ratio Lower Upper
152 100
150 156.2 128.9 193.3
115 58.4 53.0 79.6



#5
2-Fluorophenol
Concen: 162.879 ng
RT: 5.572 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM034052.D
Acq: 23 Feb 2022 14:48

Tgt Ion:112 Resp: 2266656
Ion Ratio Lower Upper
112 100
64 54.1 55.5 83.3#
63 30.3 31.3 46.9#

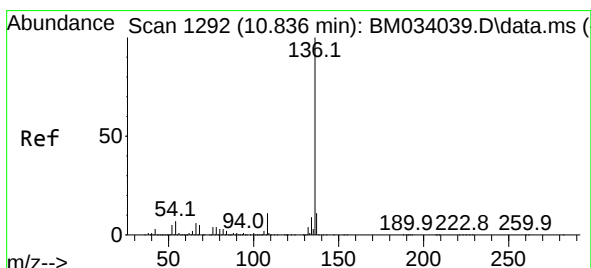
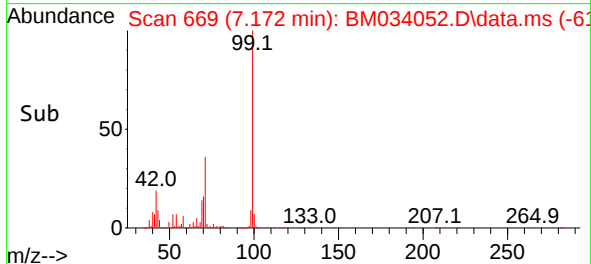
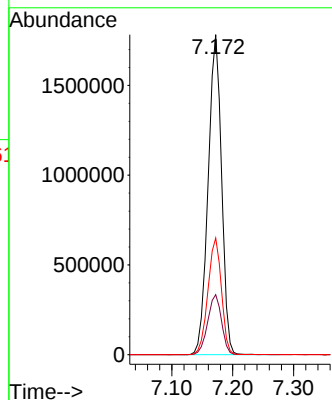
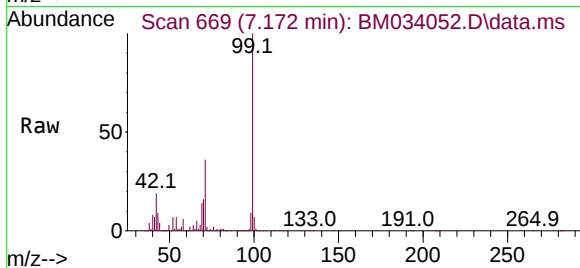




#7
Phenol-d6
Concen: 149.211 ng
RT: 7.172 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM034052.D
Acq: 23 Feb 2022 14:48

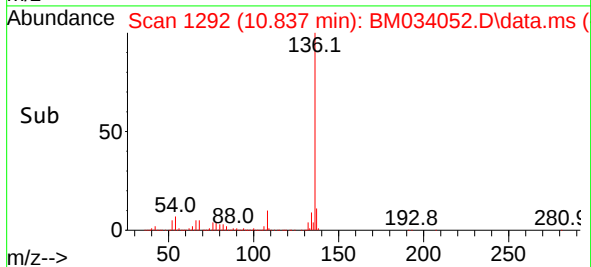
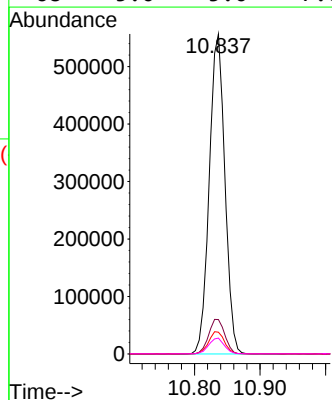
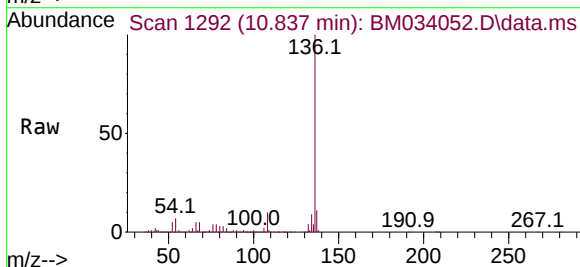
Instrument :
BNA_M
ClientSampleId :
20220104-MR-7-(DISCRETE)

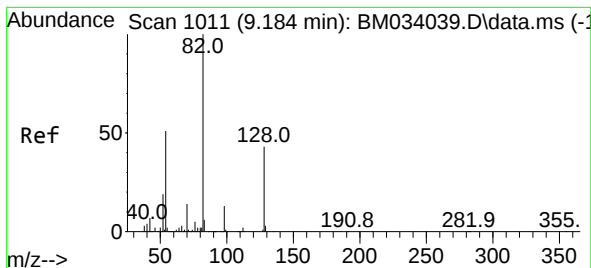
Tgt Ion: 99 Resp: 2726688
Ion Ratio Lower Upper
99 100
42 18.8 20.3 30.5#
71 36.5 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.837 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM034052.D
Acq: 23 Feb 2022 14:48

Tgt Ion:136 Resp: 921556
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 8.3 12.5#
68 5.0 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 103.703 ng

RT: 9.184 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BM034052.D

Acq: 23 Feb 2022 14:48

Instrument :

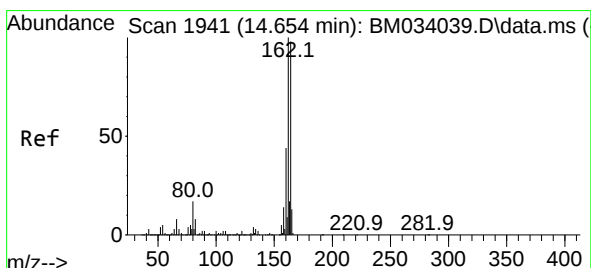
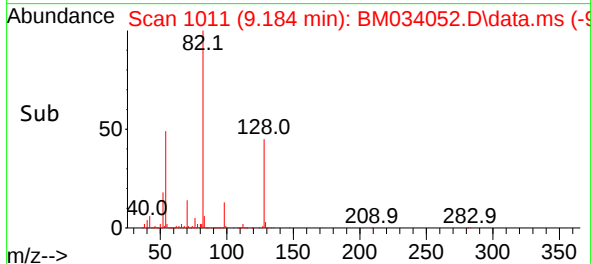
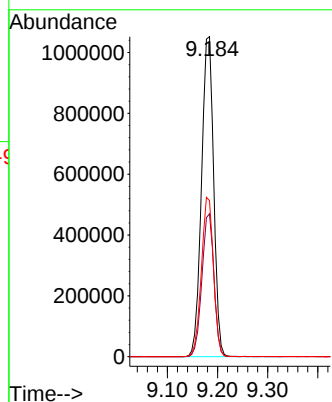
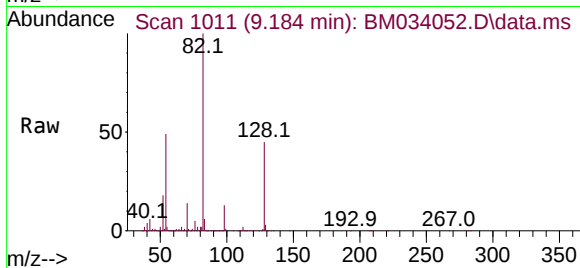
BNA_M

ClientSampleId :

20220104-MR-7-(DISCRETE)

Tgt Ion: 82 Resp: 1770925

Ion	Ratio	Lower	Upper
82	100		
128	44.7	28.1	42.1#
54	48.8	46.1	69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.654 min Scan# 1941

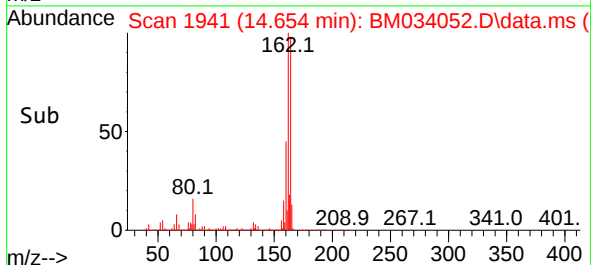
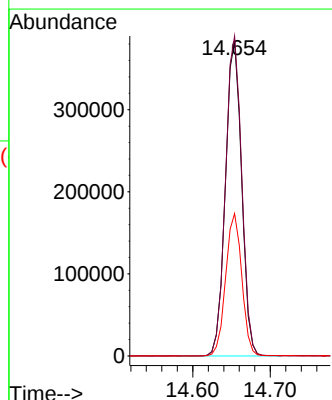
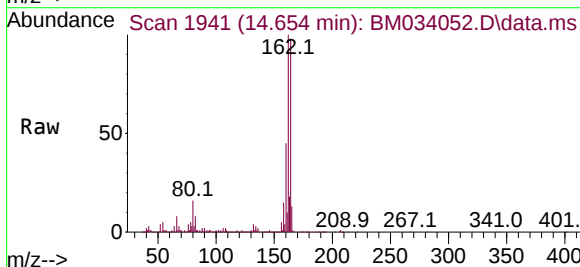
Delta R.T. -0.000 min

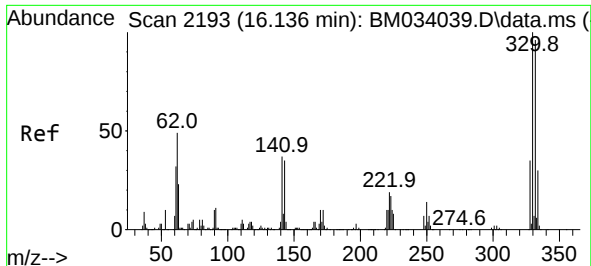
Lab File: BM034052.D

Acq: 23 Feb 2022 14:48

Tgt Ion:164 Resp: 556882

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.7	119.5
160	45.2	34.2	51.4

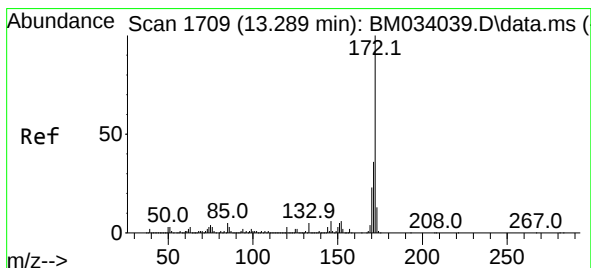
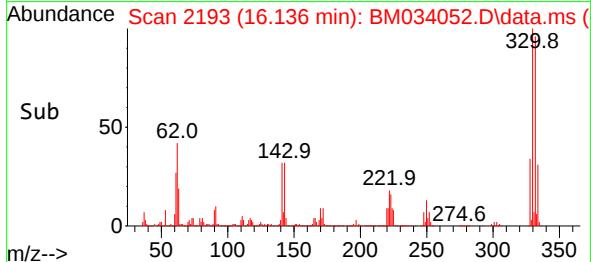
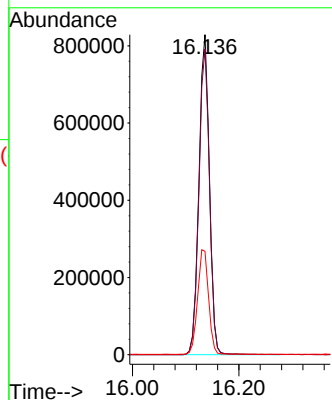
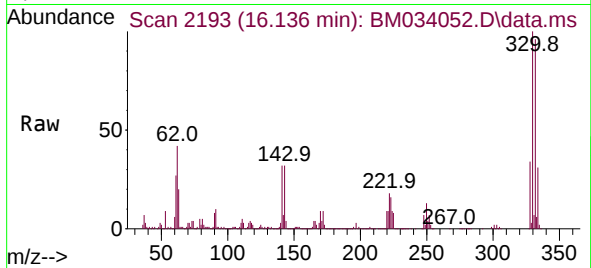




#42
2,4,6-Tribromophenol
Concen: 168.311 ng
RT: 16.136 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BM034052.D
Acq: 23 Feb 2022 14:48

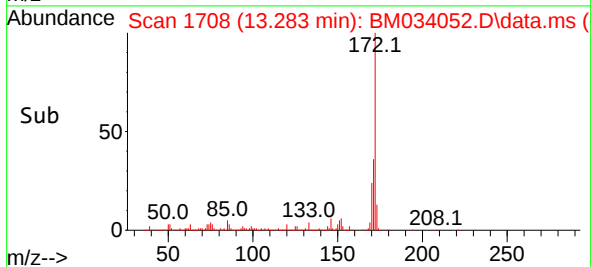
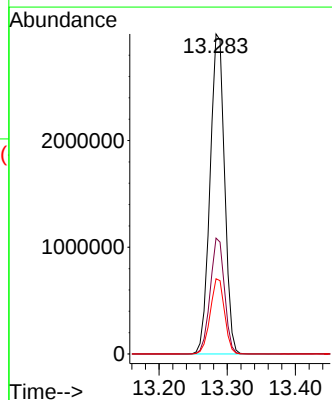
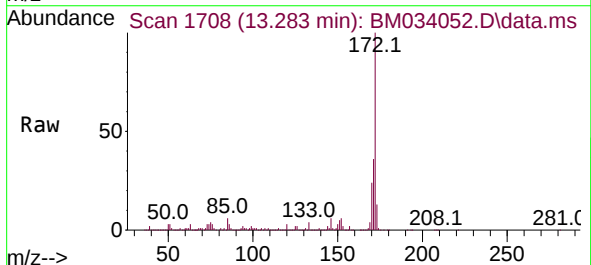
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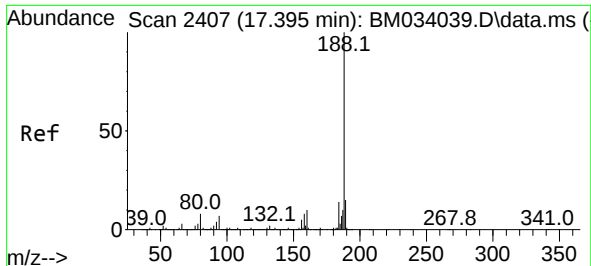
Tgt Ion:330 Resp: 1137571
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 34.0 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 106.270 ng
RT: 13.283 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM034052.D
Acq: 23 Feb 2022 14:48

Tgt Ion:172 Resp: 4441950
Ion Ratio Lower Upper
172 100
171 36.2 27.2 40.8
170 23.5 18.7 28.1

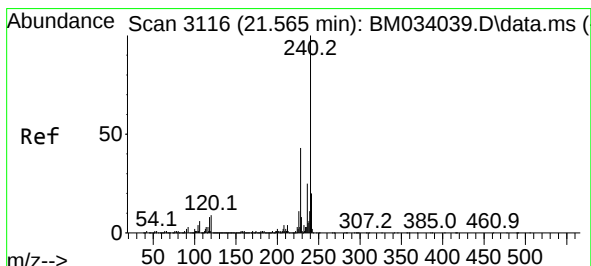
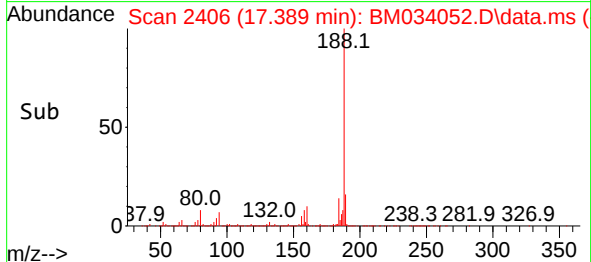
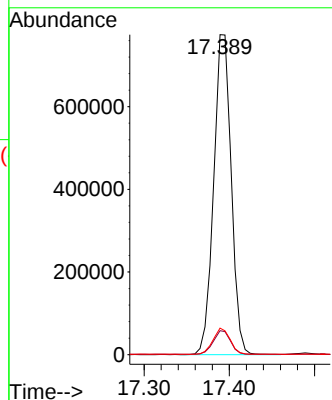
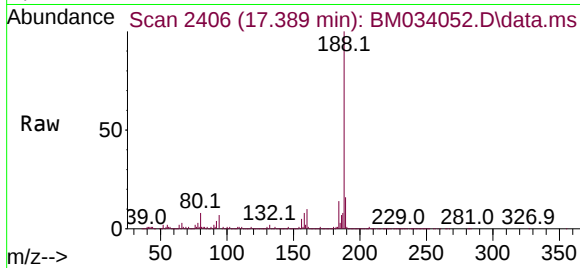




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.389 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM034052.D
Acq: 23 Feb 2022 14:48

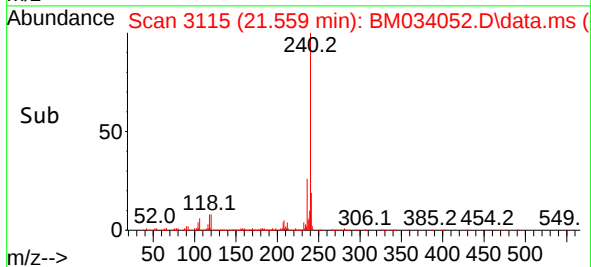
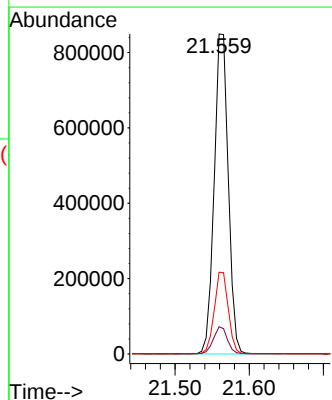
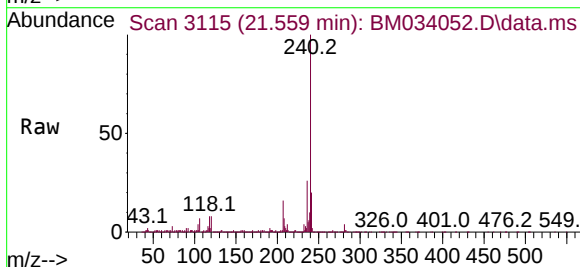
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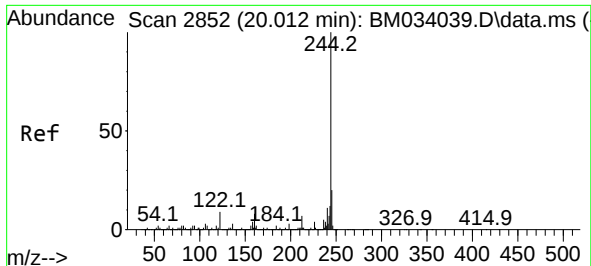
Tgt Ion:188 Resp: 1107493
Ion Ratio Lower Upper
188 100
94 7.5 7.5 11.3#
80 8.3 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM034052.D
Acq: 23 Feb 2022 14:48

Tgt Ion:240 Resp: 1121370
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 25.5 20.3 30.5

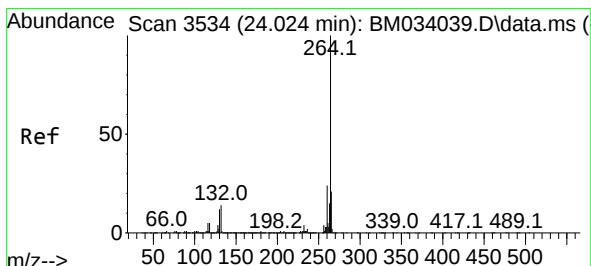
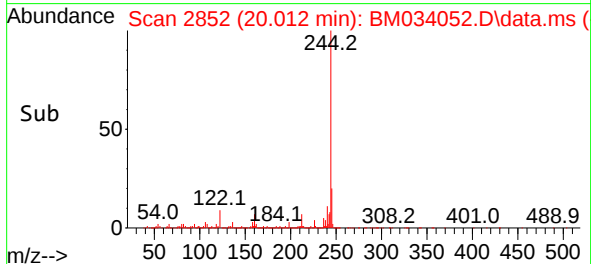
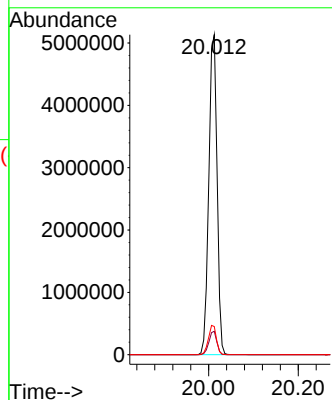
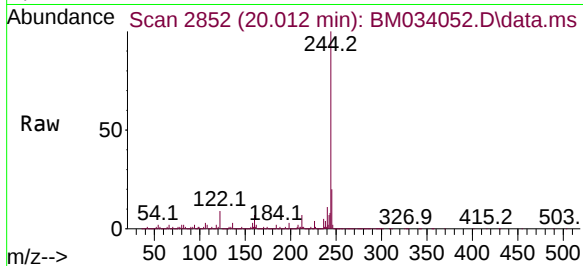




#79
 Terphenyl-d14
 Concen: 101.733 ng
 RT: 20.012 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM034052.D
 Acq: 23 Feb 2022 14:48

Instrument :
 BNA_M
 ClientSampleId :
 20220104-MR-7-(DISCRETE)

Tgt Ion:244 Resp: 6551287
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.8 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.024 min Scan# 3534
 Delta R.T. 0.000 min
 Lab File: BM034052.D
 Acq: 23 Feb 2022 14:48

Tgt Ion:264 Resp: 1200824
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.7 26.5
 265 21.7 17.7 26.5

