

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022422\
 Data File : BM034071.D
 Acq On : 24 Feb 2022 17:28
 Operator : CG/JU
 Sample : N1650-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW-SURFICIAL-SOIL-(SW-SS)

Quant Time: Feb 25 01:10:59 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	8.013	152	152188	20.000	ng	-0.01
21) Naphthalene-d8	10.830	136	539778	20.000	ng	# 0.00
39) Acenaphthene-d10	14.648	164	321978	20.000	ng	0.00
64) Phenanthrene-d10	17.383	188	642436	20.000	ng	#-0.01
76) Chrysene-d12	21.559	240	707760	20.000	ng	# 0.00
86) Perylene-d12	24.018	264	813300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	1109427	129.950	ng	0.00
7) Phenol-d6	7.166	99	1190921	106.230	ng	0.00
23) Nitrobenzene-d5	9.172	82	973254	97.303	ng	-0.01
42) 2,4,6-Tribromophenol	16.130	330	609911	156.077	ng	0.00
45) 2-Fluorobiphenyl	13.277	172	2359695	97.641	ng	-0.01
79) Terphenyl-d14	20.000	244	3762925	92.581	ng	-0.01

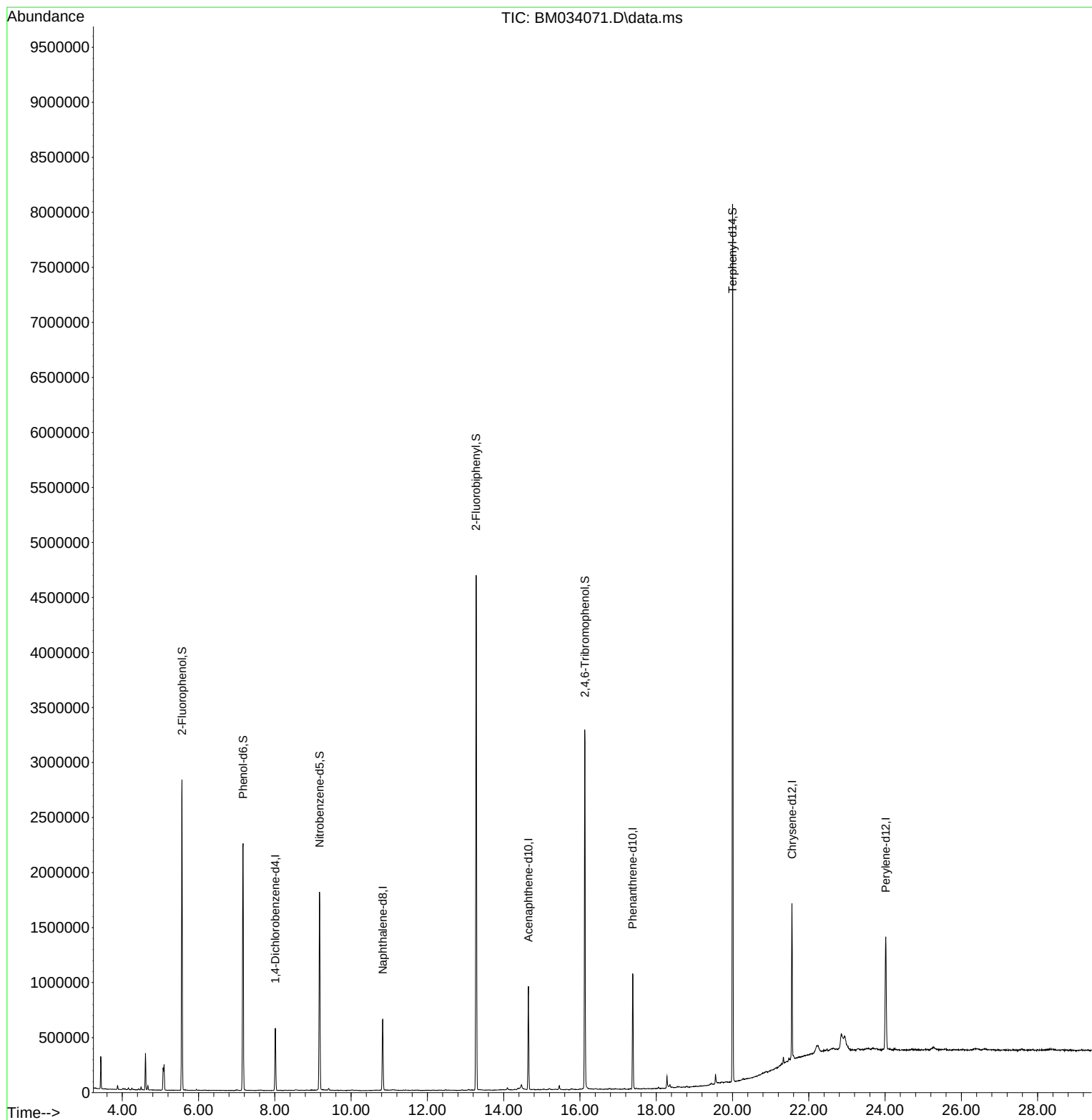
Target Compounds	Qvalue

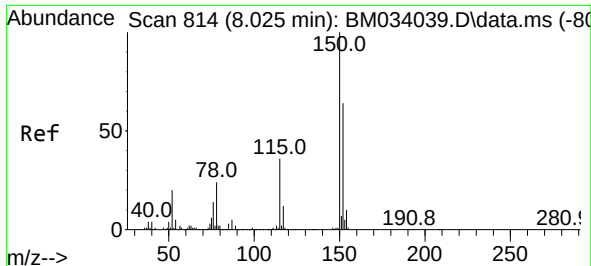
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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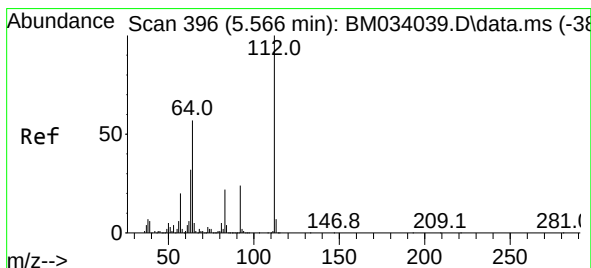
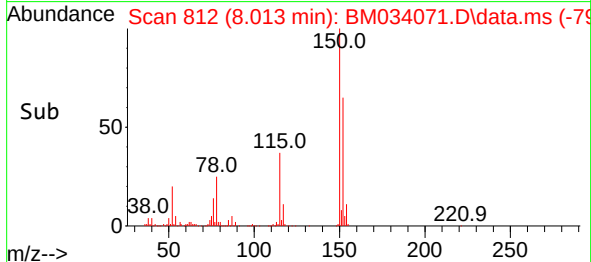
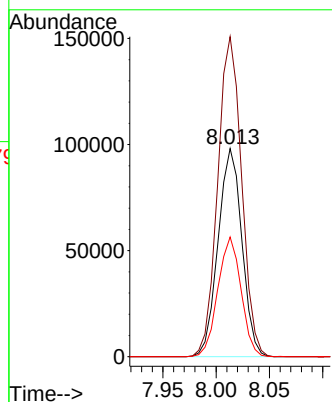
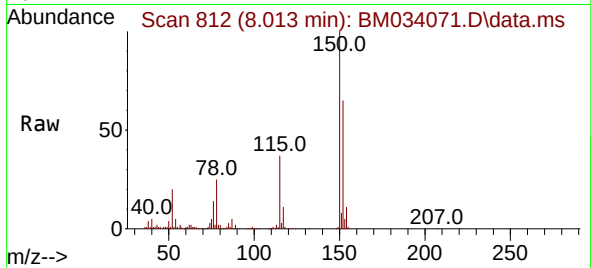




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.013 min Scan# 814
Delta R.T. -0.012 min
Lab File: BM034071.D
Acq: 24 Feb 2022 17:28

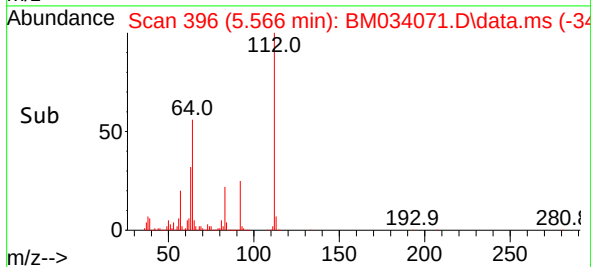
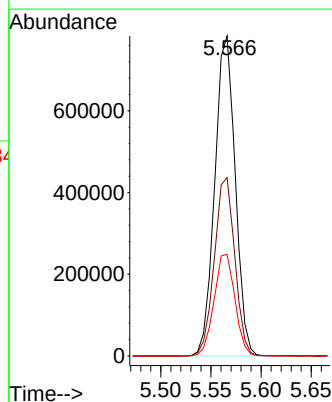
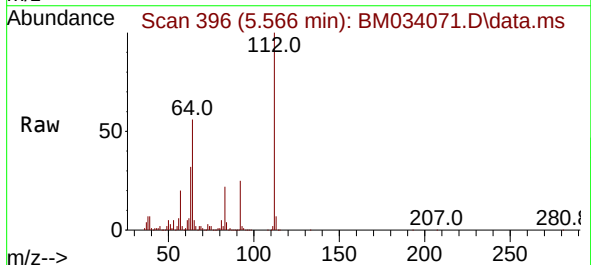
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)

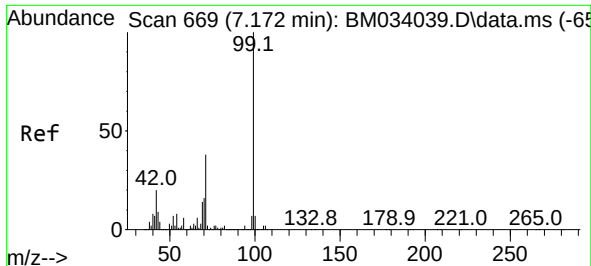
Tgt Ion:152 Resp: 152188
Ion Ratio Lower Upper
152 100
150 153.7 128.9 193.3
115 57.5 53.0 79.6



#5
2-Fluorophenol
Concen: 129.950 ng
RT: 5.566 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM034071.D
Acq: 24 Feb 2022 17:28

Tgt Ion:112 Resp: 1109427
Ion Ratio Lower Upper
112 100
64 55.7 55.5 83.3
63 31.8 31.3 46.9

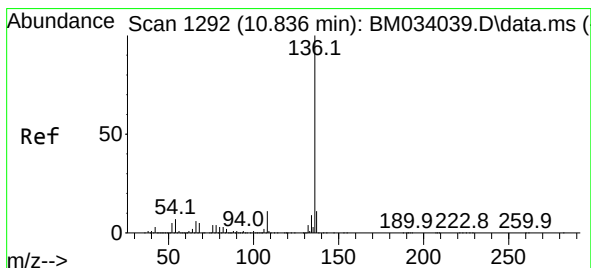
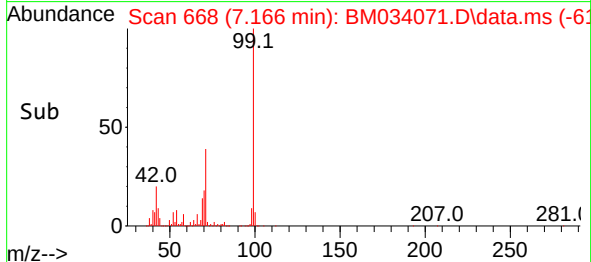
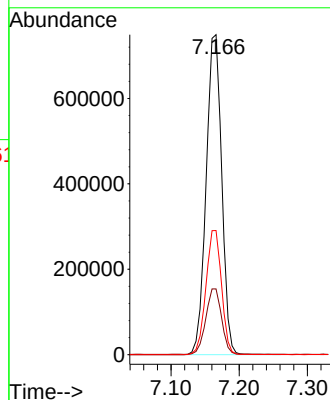
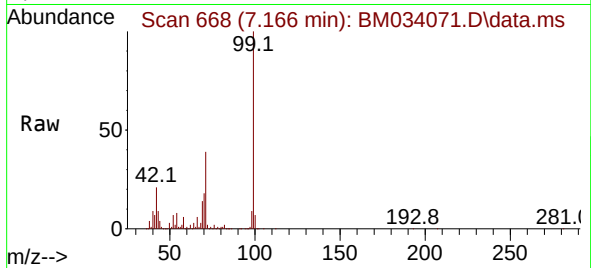




#7
Phenol-d6
Concen: 106.230 ng
RT: 7.166 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034071.D
Acq: 24 Feb 2022 17:28

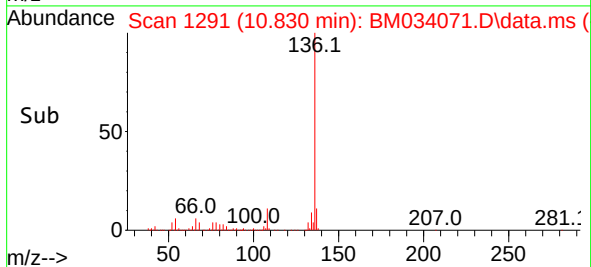
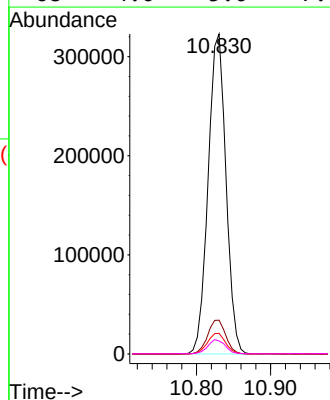
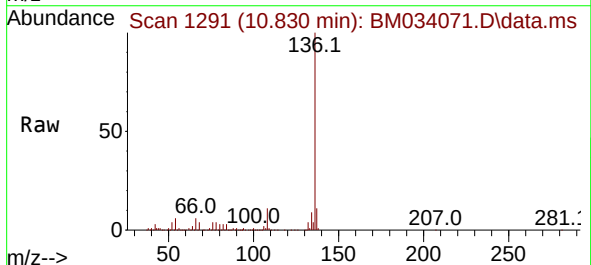
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)

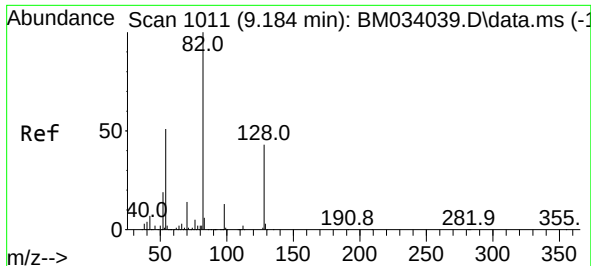
Tgt Ion: 99 Resp: 1190921
Ion Ratio Lower Upper
99 100
42 20.5 20.3 30.5
71 38.8 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.830 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM034071.D
Acq: 24 Feb 2022 17:28

Tgt Ion: 136 Resp: 539778
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.5 8.3 12.5#
68 4.0 5.0 7.6#

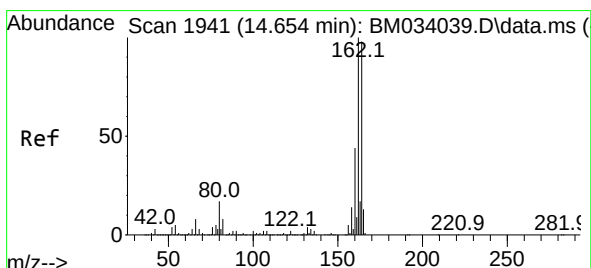
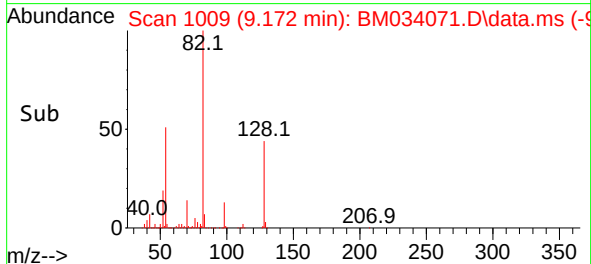
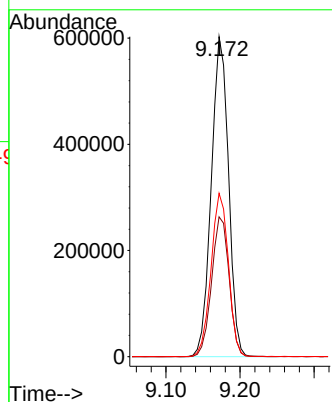
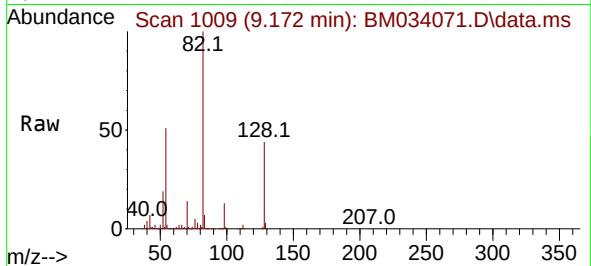




#23
Nitrobenzene-d5
Concen: 97.303 ng
RT: 9.172 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM034071.D
Acq: 24 Feb 2022 17:28

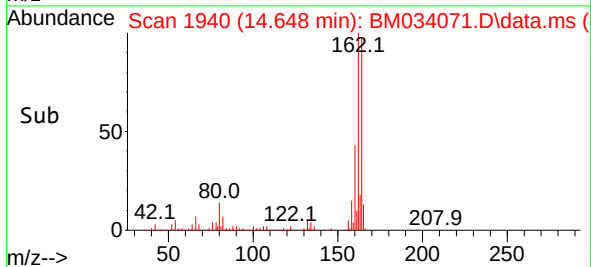
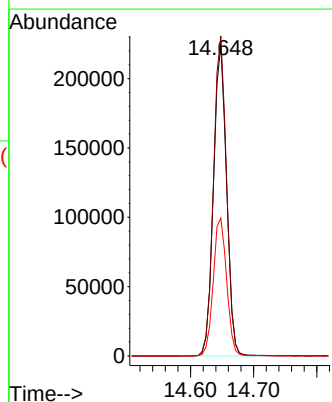
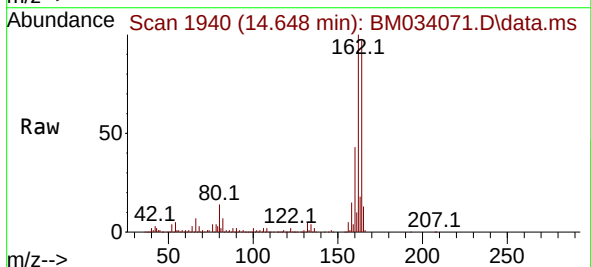
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)

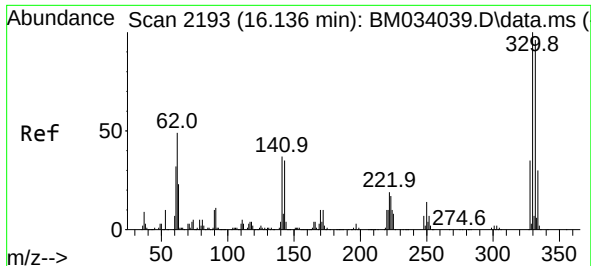
Tgt Ion: 82 Resp: 973254
Ion Ratio Lower Upper
82 100
128 43.7 28.1 42.1#
54 51.0 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM034071.D
Acq: 24 Feb 2022 17:28

Tgt Ion: 164 Resp: 321978
Ion Ratio Lower Upper
164 100
162 102.8 79.7 119.5
160 44.3 34.2 51.4

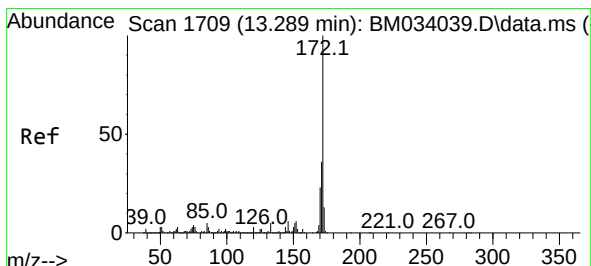
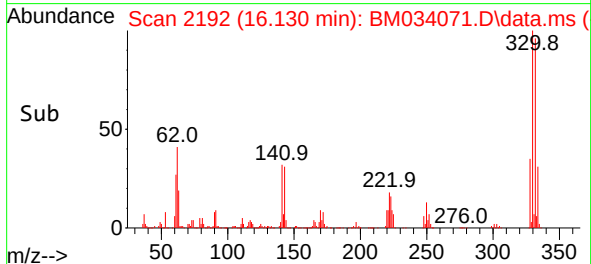
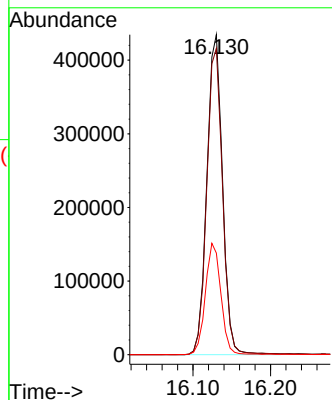
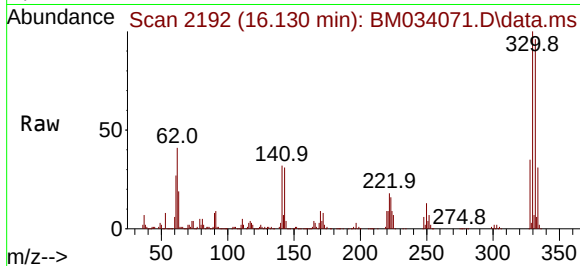




#42
2,4,6-Tribromophenol
Concen: 156.077 ng
RT: 16.130 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM034071.D
Acq: 24 Feb 2022 17:28

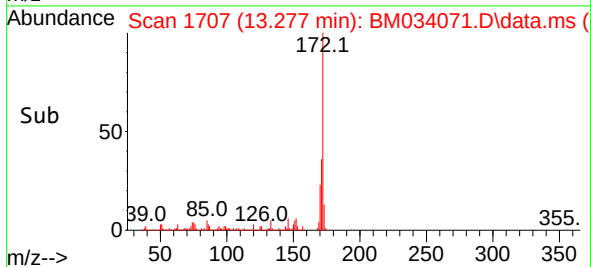
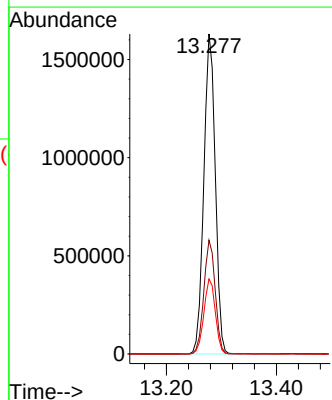
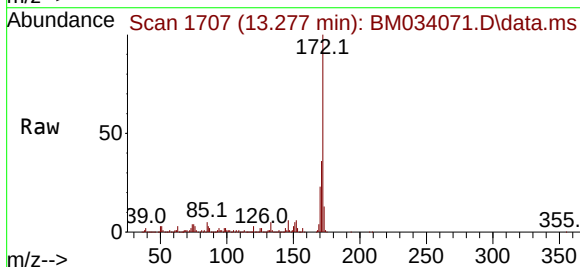
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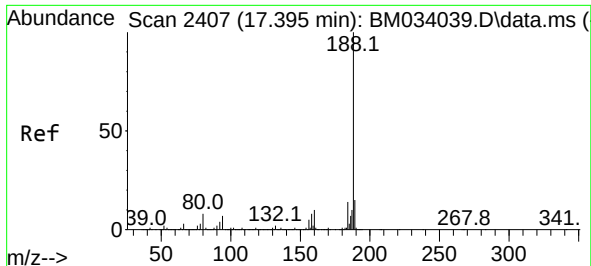
Tgt Ion:330 Resp: 609911
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 34.7 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 97.641 ng
RT: 13.277 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BM034071.D
Acq: 24 Feb 2022 17:28

Tgt Ion:172 Resp: 2359695
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 23.5 18.7 28.1

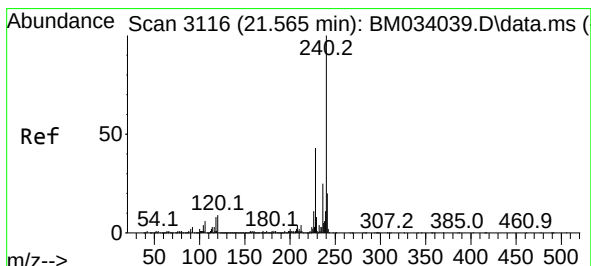
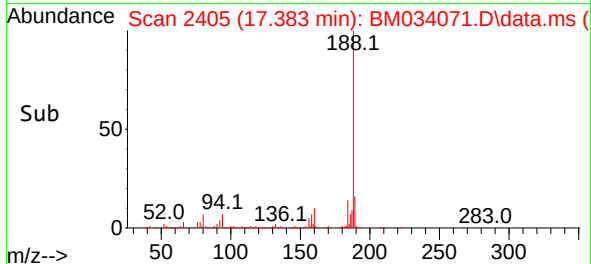
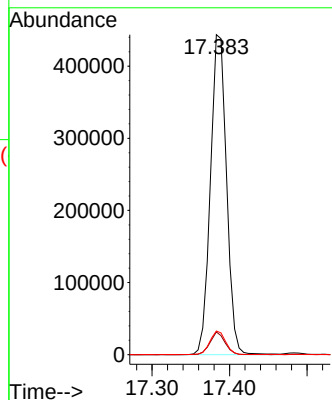
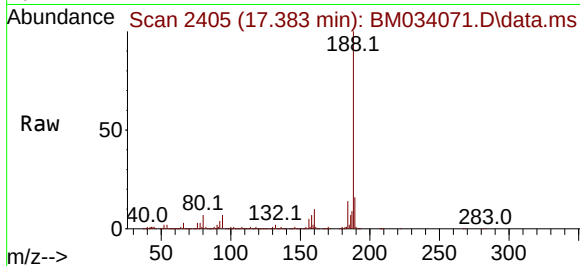




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.383 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BM034071.D
Acq: 24 Feb 2022 17:28

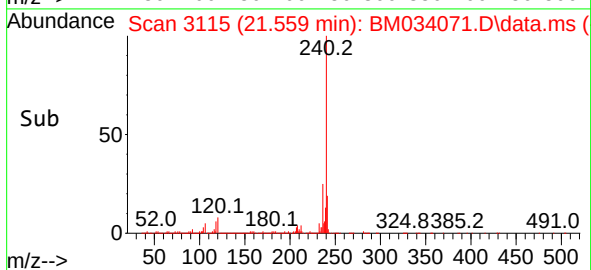
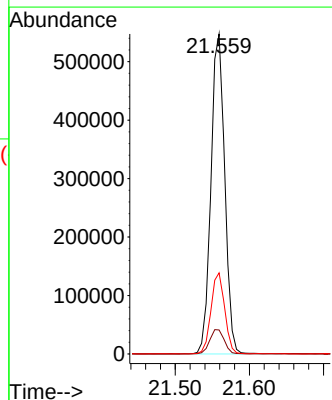
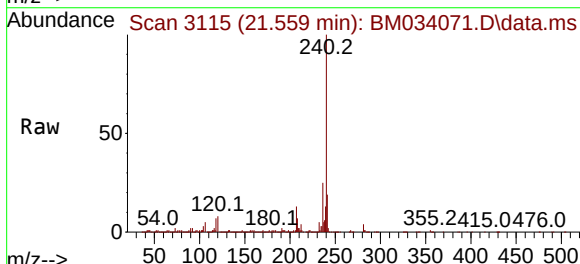
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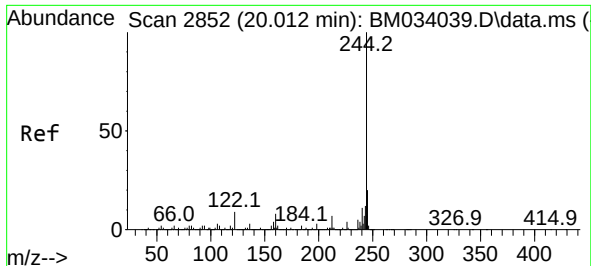
Tgt Ion:188 Resp: 642436
Ion Ratio Lower Upper
188 100
94 7.1 7.5 11.3#
80 7.4 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM034071.D
Acq: 24 Feb 2022 17:28

Tgt Ion:240 Resp: 707760
Ion Ratio Lower Upper
240 100
120 7.5 7.8 11.6#
236 25.3 20.3 30.5

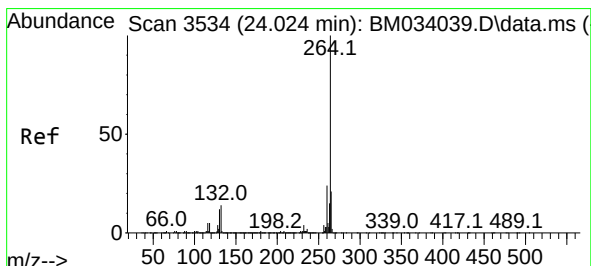
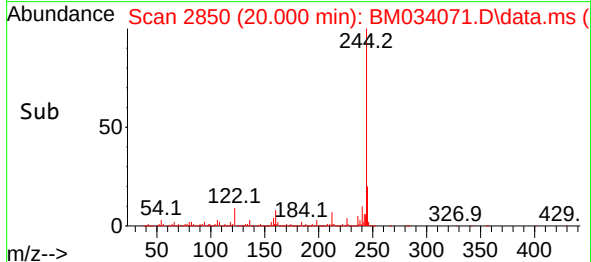
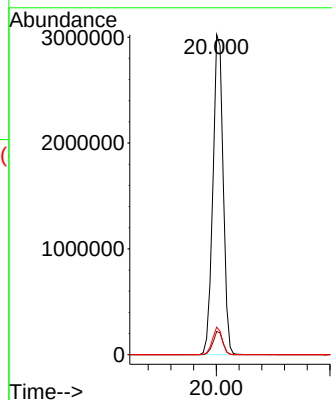
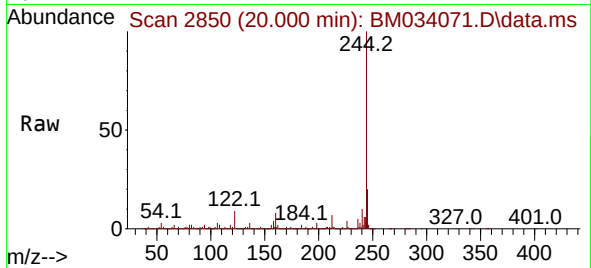




#79
 Terphenyl-d14
 Concen: 92.581 ng
 RT: 20.000 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM034071.D
 Acq: 24 Feb 2022 17:28

Instrument :
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Tgt Ion:244 Resp: 3762925
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.6 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: BM034071.D
 Acq: 24 Feb 2022 17:28

Tgt Ion:264 Resp: 813300
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.7 26.5
 265 21.2 17.7 26.5

