

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
 Data File : BM032876.D
 Acq On : 04 Nov 2021 15:48
 Operator : CG/JU
 Sample : M4449-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-WALLS

Quant Time: Nov 07 08:48:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 16:07:18 2021
 Response via : Initial Calibration

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

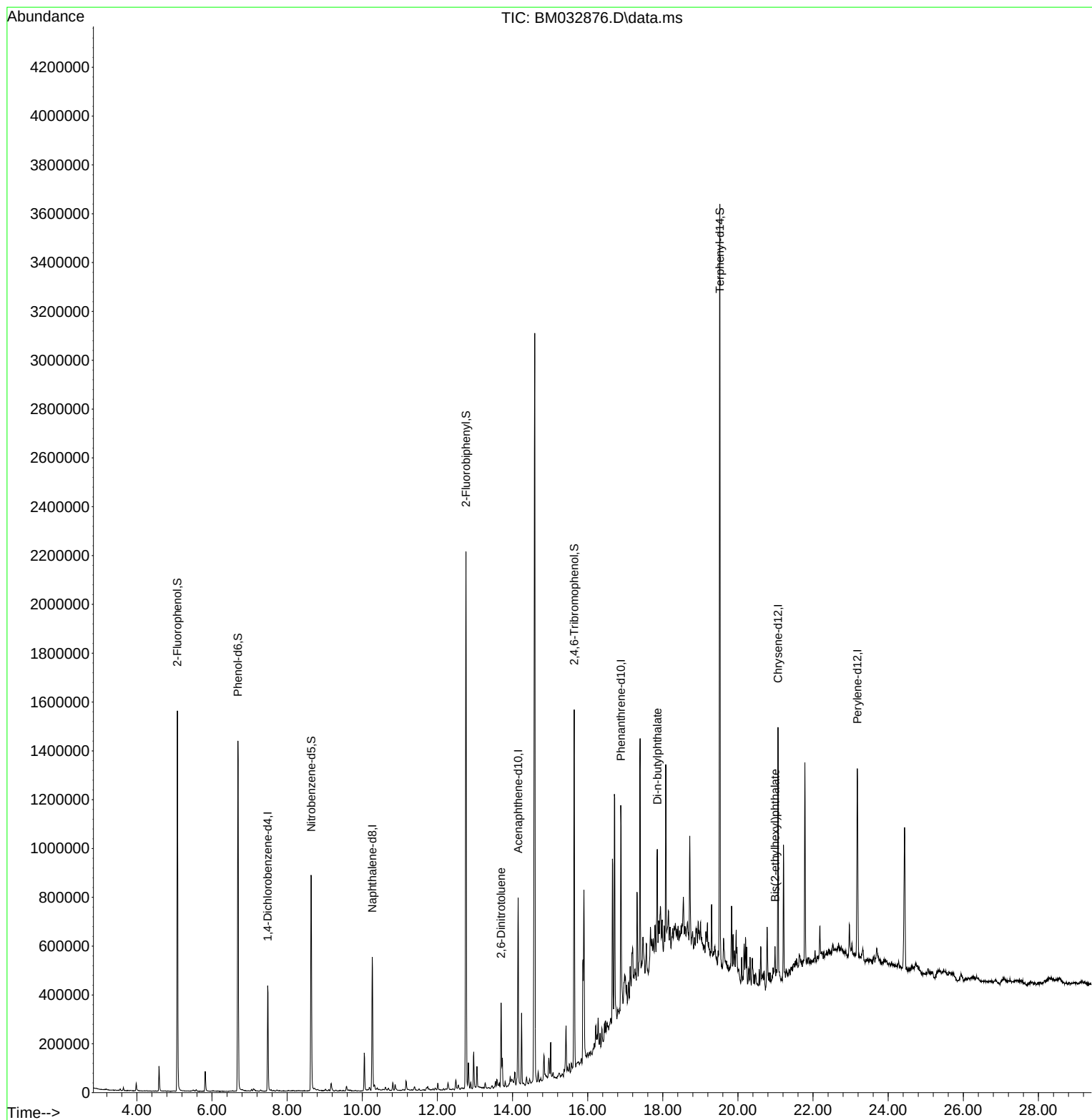
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	112016	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	430467	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	250866	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	474942	20.000	ng	#-0.01
76) Chrysene-d12	21.065	240	457173	20.000	ng	#-0.01
86) Perylene-d12	23.177	264	490652	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	617359	96.084	ng	0.00
7) Phenol-d6	6.690	99	778914	81.405	ng	0.00
23) Nitrobenzene-d5	8.642	82	496242	63.096	ng	0.00
42) 2,4,6-Tribromophenol	15.642	330	228323	81.267	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1086172	67.153	ng	0.00
79) Terphenyl-d14	19.518	244	1354111	64.666	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	13.695	165	45675	12.243	ng	# 8
74) Di-n-butylphthalate	17.854	149	294397	10.838	ng	# 97
84) Bis(2-ethylhexyl)phtha...	20.989	149	36589	2.228	ng	# 88

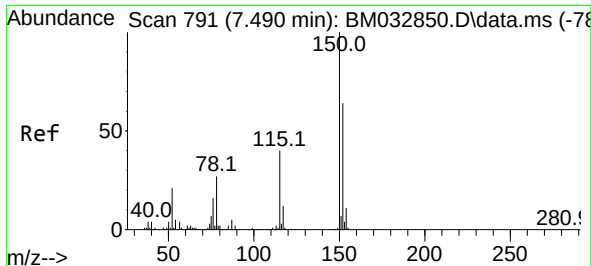
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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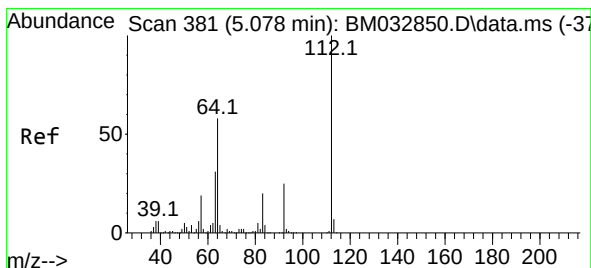
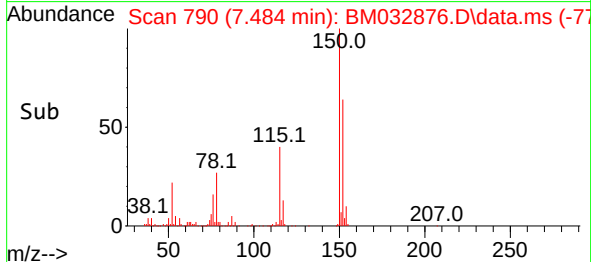
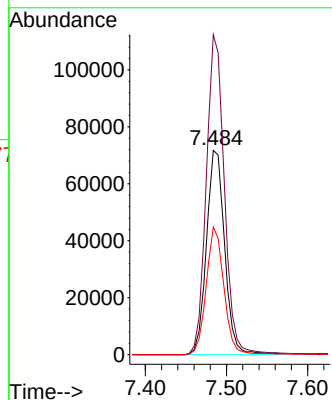
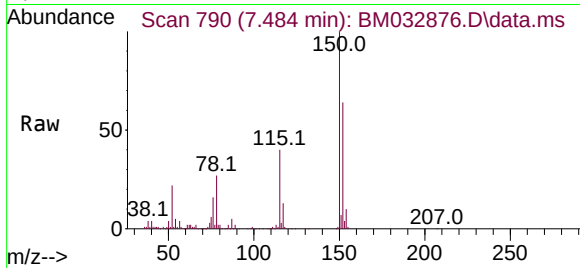




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

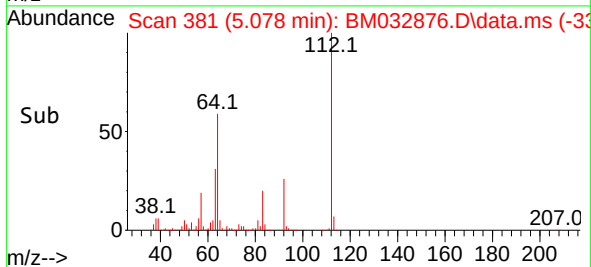
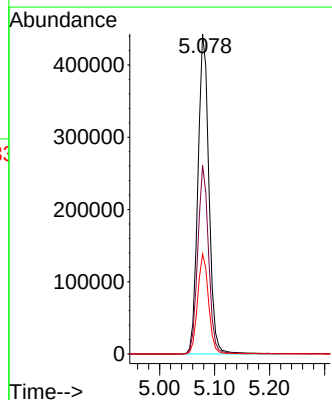
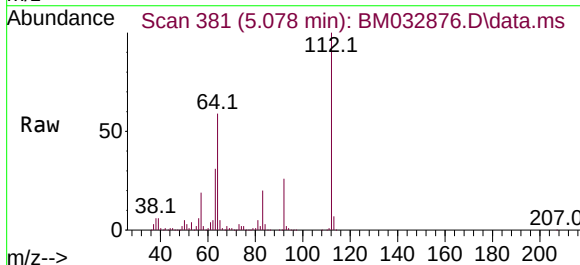
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BNA_M
ClientSampleId :
CONCRETE-WALLS

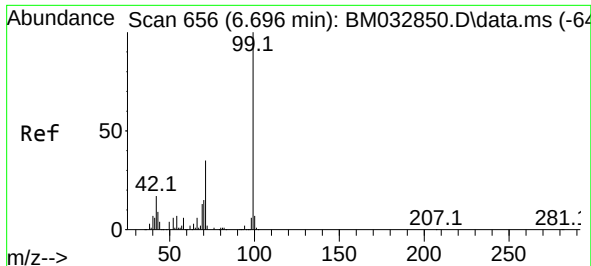
Tgt Ion:152 Resp: 112016
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 62.5 53.8 80.8



#5
2-Fluorophenol
Concen: 96.084 ng
RT: 5.078 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

Tgt Ion:112 Resp: 617359
Ion Ratio Lower Upper
112 100
64 58.9 53.7 80.5
63 31.2 33.9 50.9#

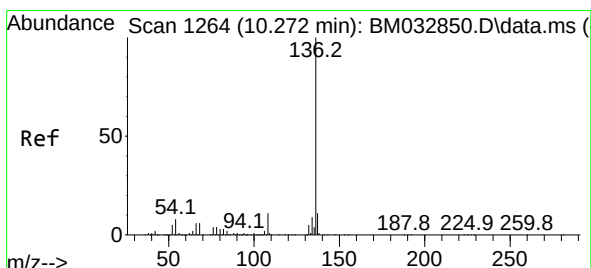
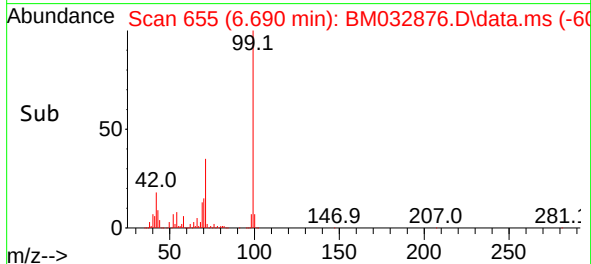
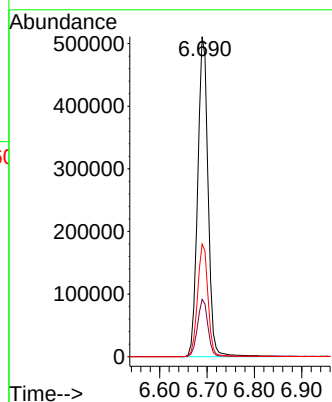
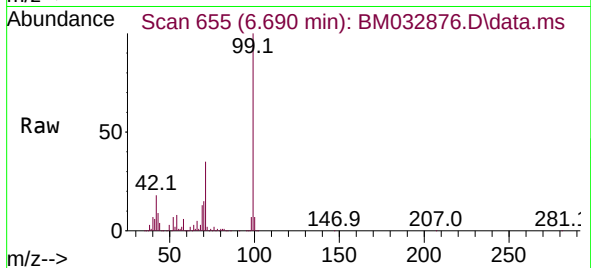




#7
Phenol-d6
Concen: 81.405 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

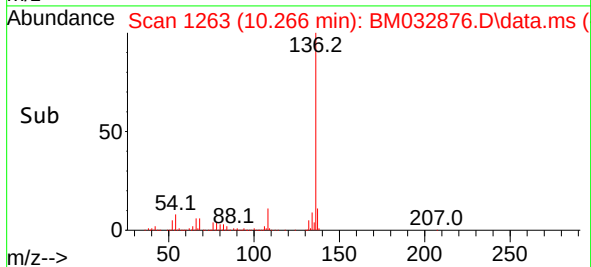
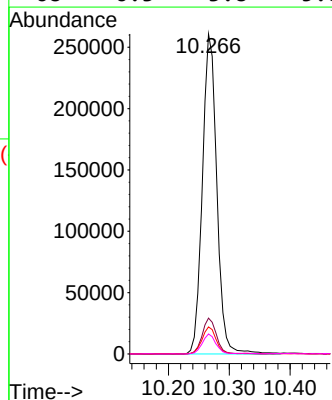
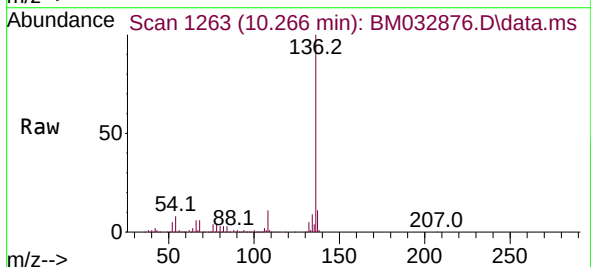
Instrument :
BNA_M
ClientSampleId :
CONCRETE-WALLS

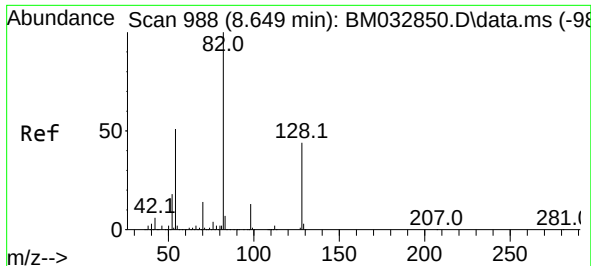
Tgt Ion: 99 Resp: 778914
Ion Ratio Lower Upper
99 100
42 17.9 23.0 34.6#
71 35.2 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

Tgt Ion: 136 Resp: 430467
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.5 7.4 11.0
68 6.3 3.8 5.8#

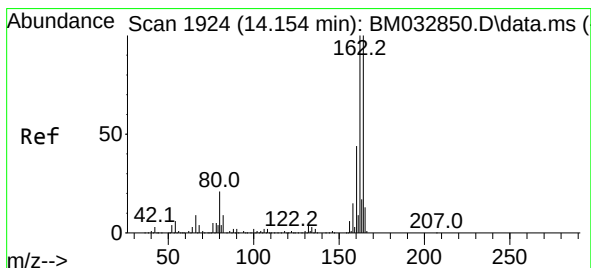
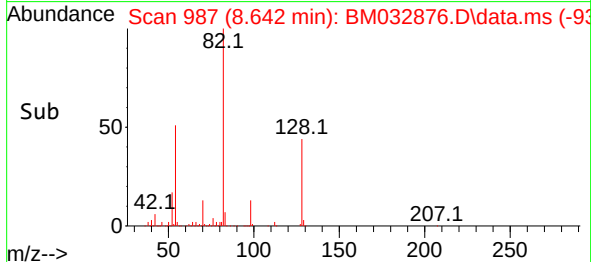
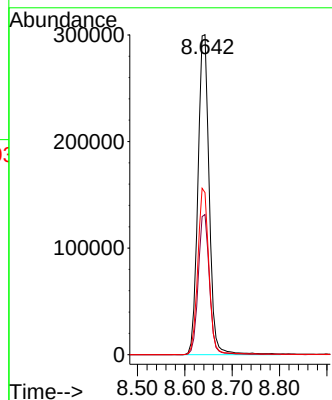
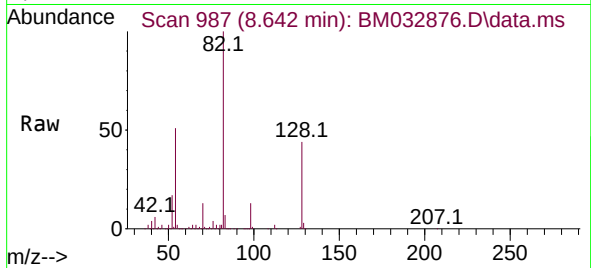




#23
Nitrobenzene-d5
Concen: 63.096 ng
RT: 8.642 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

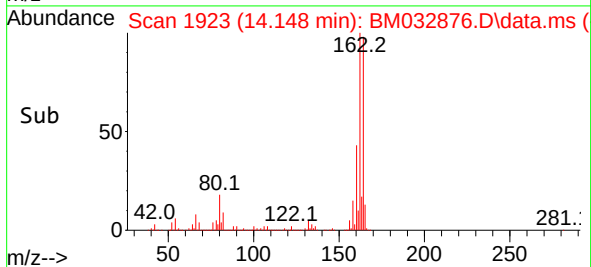
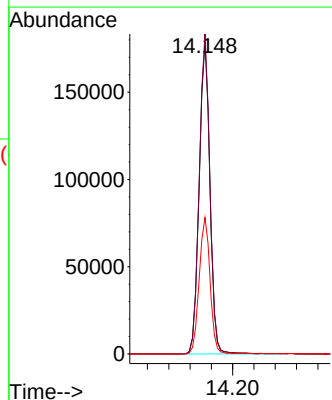
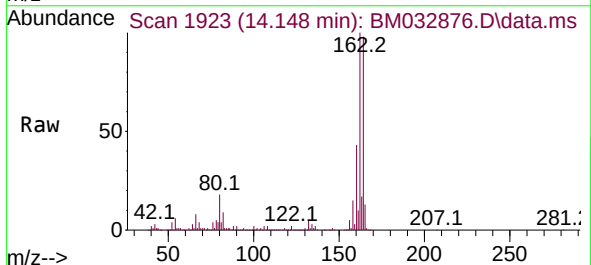
Instrument :
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ClientSampleId :
CONCRETE-WALLS

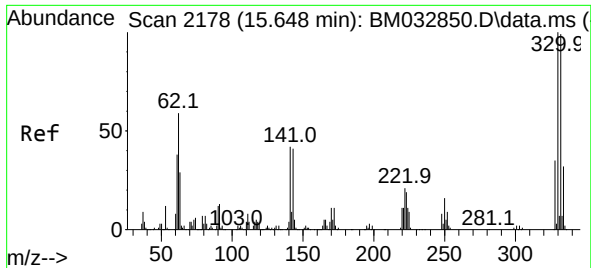
Tgt Ion: 82 Resp: 496242
Ion Ratio Lower Upper
82 100
128 43.8 29.0 43.6#
54 50.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.148 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

Tgt Ion: 164 Resp: 250866
Ion Ratio Lower Upper
164 100
162 102.5 80.6 121.0
160 43.7 35.1 52.7

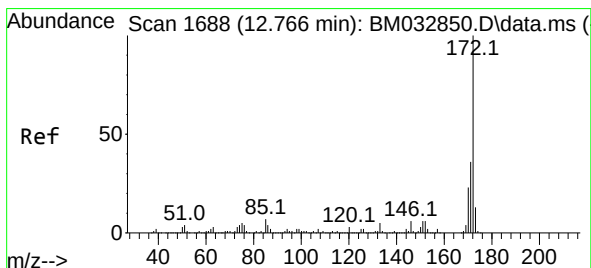
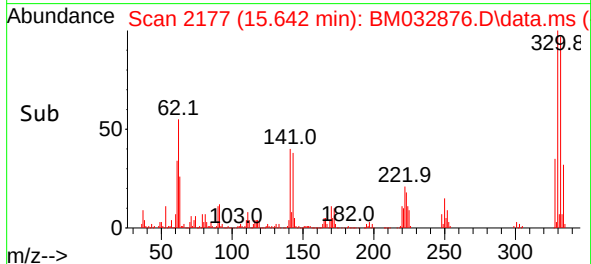
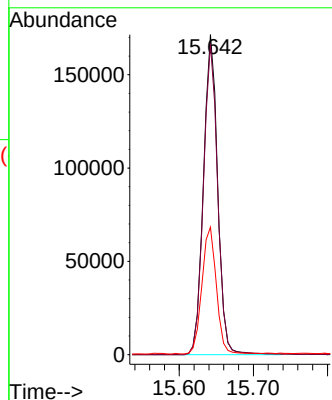
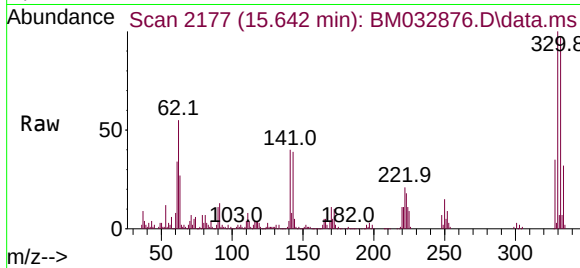




#42
2,4,6-Tribromophenol
Concen: 81.267 ng
RT: 15.642 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

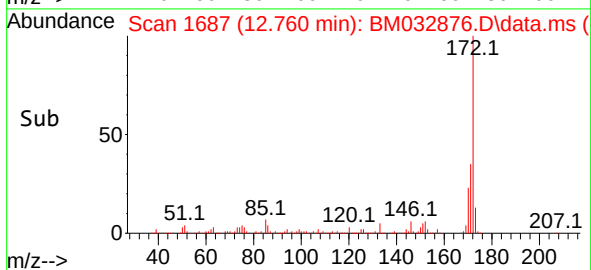
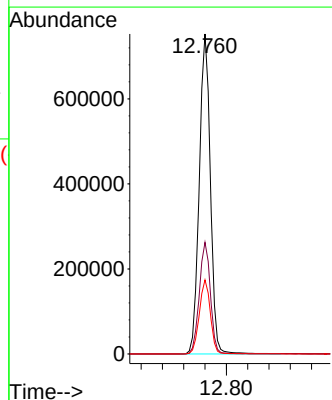
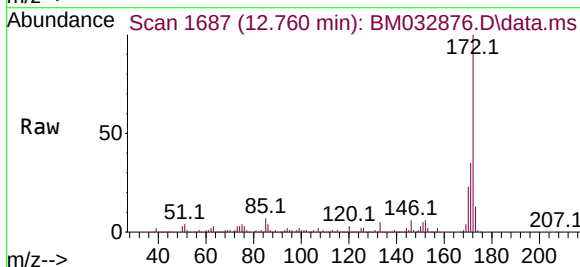
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CONCRETE-WALLS

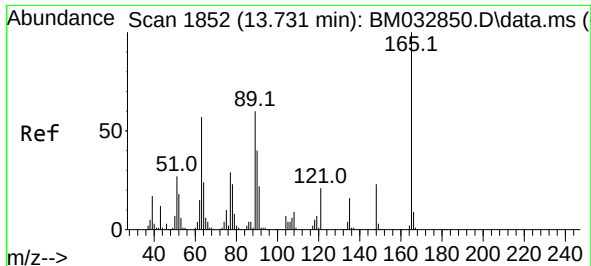
Tgt Ion:330 Resp: 228323
Ion Ratio Lower Upper
330 100
332 97.5 75.7 113.5
141 40.2 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 67.153 ng
RT: 12.760 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

Tgt Ion:172 Resp: 1086172
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.2 18.6 27.8

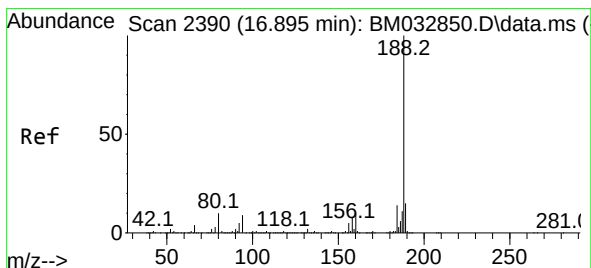
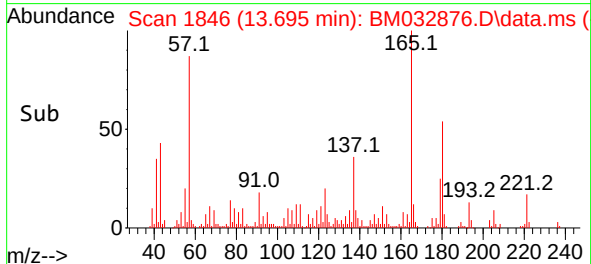
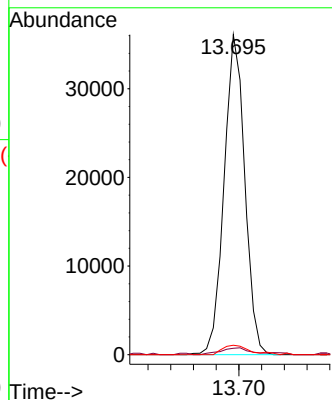
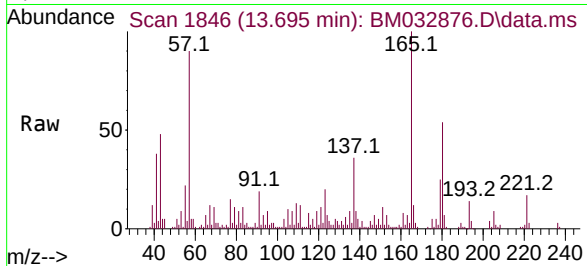




#51
2,6-Dinitrotoluene
Concen: 12.243 ng
RT: 13.695 min Scan# 11
Delta R.T. -0.035 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

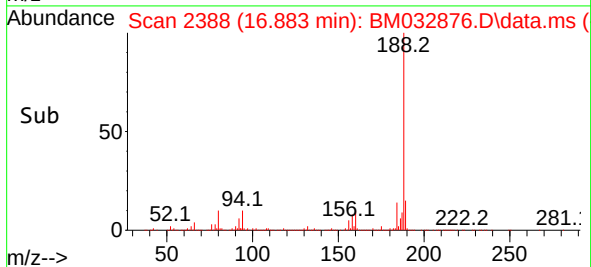
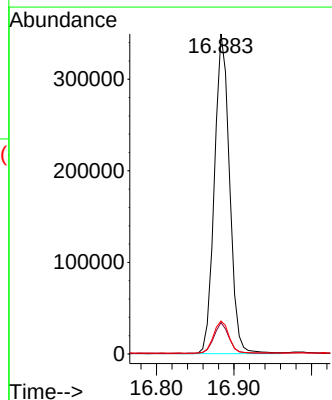
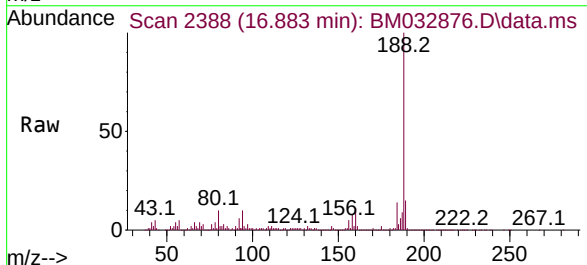
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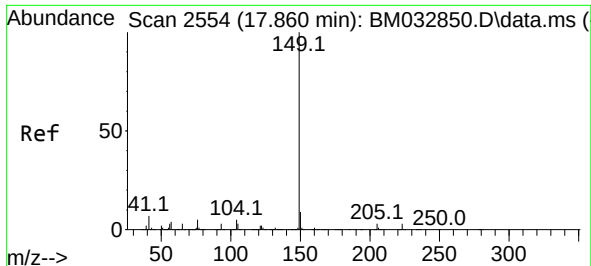
Tgt Ion:165 Resp: 45675
Ion Ratio Lower Upper
165 100
63 2.0 72.4 108.6#
89 2.9 69.3 103.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

Tgt Ion:188 Resp: 474942
Ion Ratio Lower Upper
188 100
94 9.8 6.3 9.5#
80 10.3 7.3 10.9

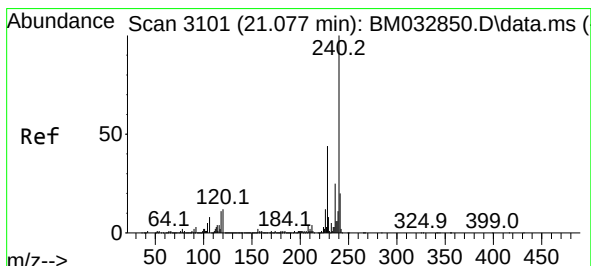
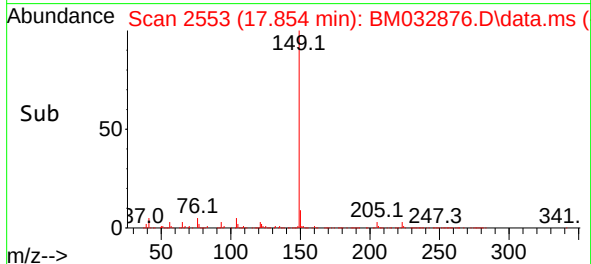
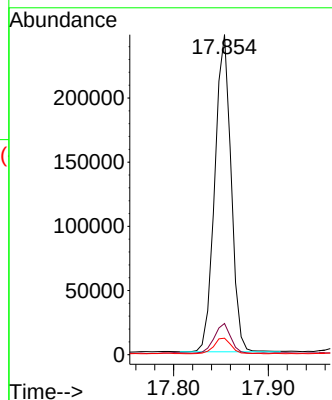
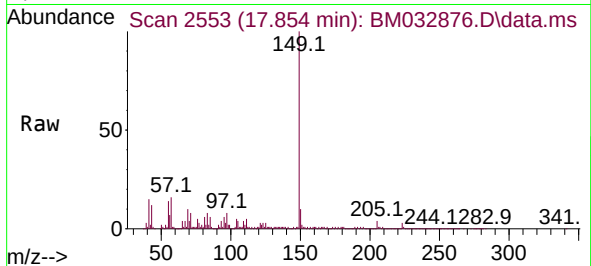




#74
Di-n-butylphthalate
Concen: 10.838 ng
RT: 17.854 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

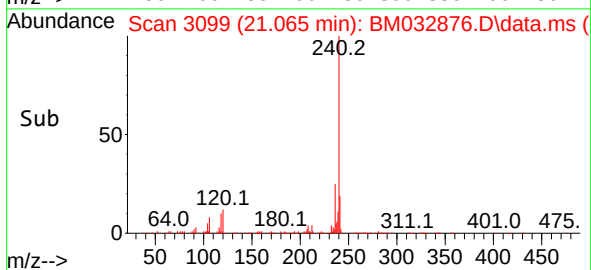
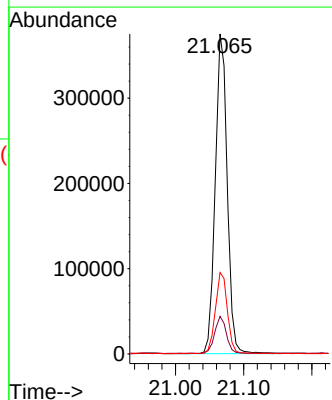
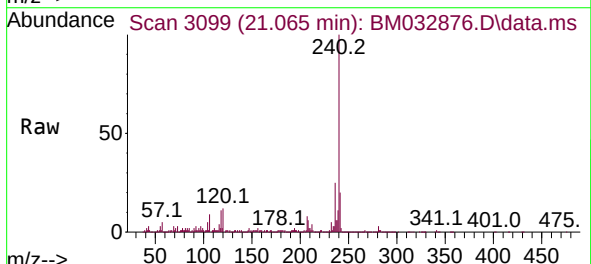
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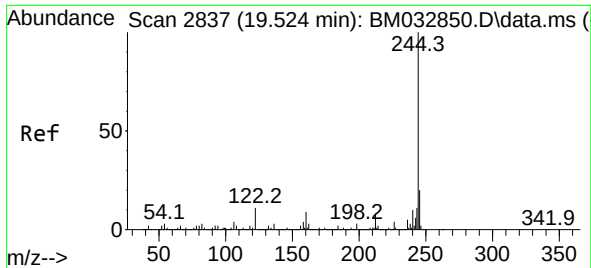
Tgt Ion:149 Resp: 294397
Ion Ratio Lower Upper
149 100
150 9.8 7.3 10.9
104 5.1 5.6 8.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

Tgt Ion:240 Resp: 457173
Ion Ratio Lower Upper
240 100
120 11.8 7.8 11.6#
236 25.4 20.9 31.3

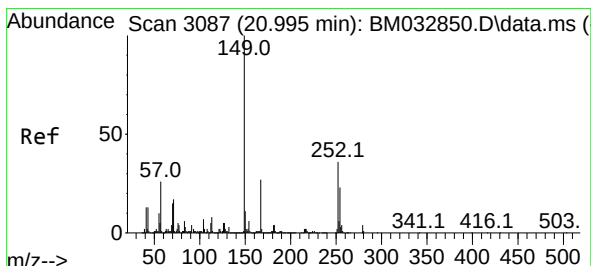
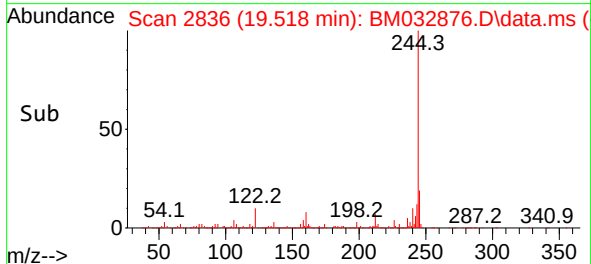
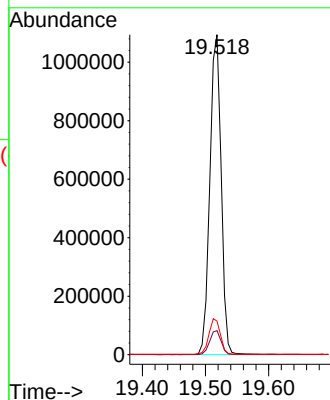
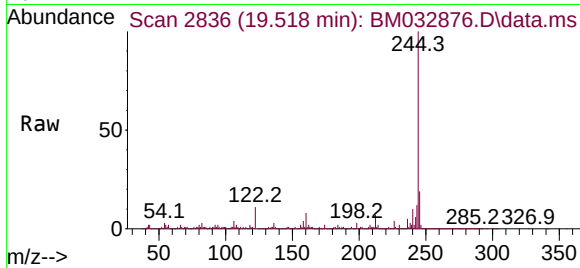




#79
 Terphenyl-d14
 Concen: 64.666 ng
 RT: 19.518 min Scan# 2836
 Delta R.T. -0.006 min
 Lab File: BM032876.D
 Acq: 04 Nov 2021 15:48

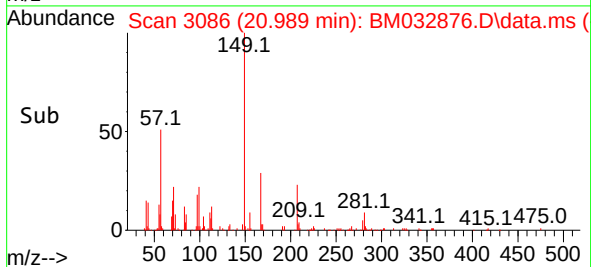
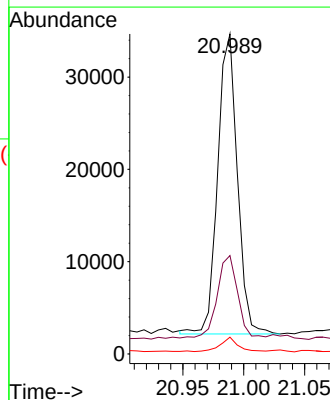
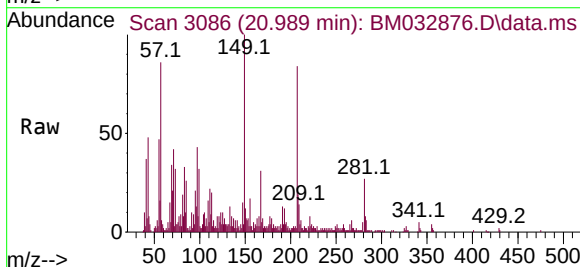
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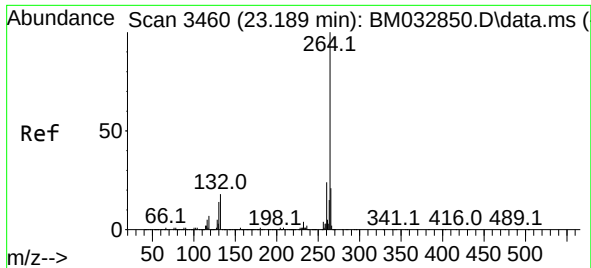
Tgt Ion:244 Resp: 1354111
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 10.5 8.7 13.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.228 ng
 RT: 20.989 min Scan# 3086
 Delta R.T. -0.006 min
 Lab File: BM032876.D
 Acq: 04 Nov 2021 15:48

Tgt Ion:149 Resp: 36589
 Ion Ratio Lower Upper
 149 100
 167 30.7 19.7 29.5#
 279 5.3 2.6 4.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.177 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM032876.D
Acq: 04 Nov 2021 15:48

Instrument :
BNA_M
ClientSampleId :
CONCRETE-WALLS

Tgt Ion:264 Resp: 490652

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.8	18.3	27.5

